

FIG. 1
PRIOR ART

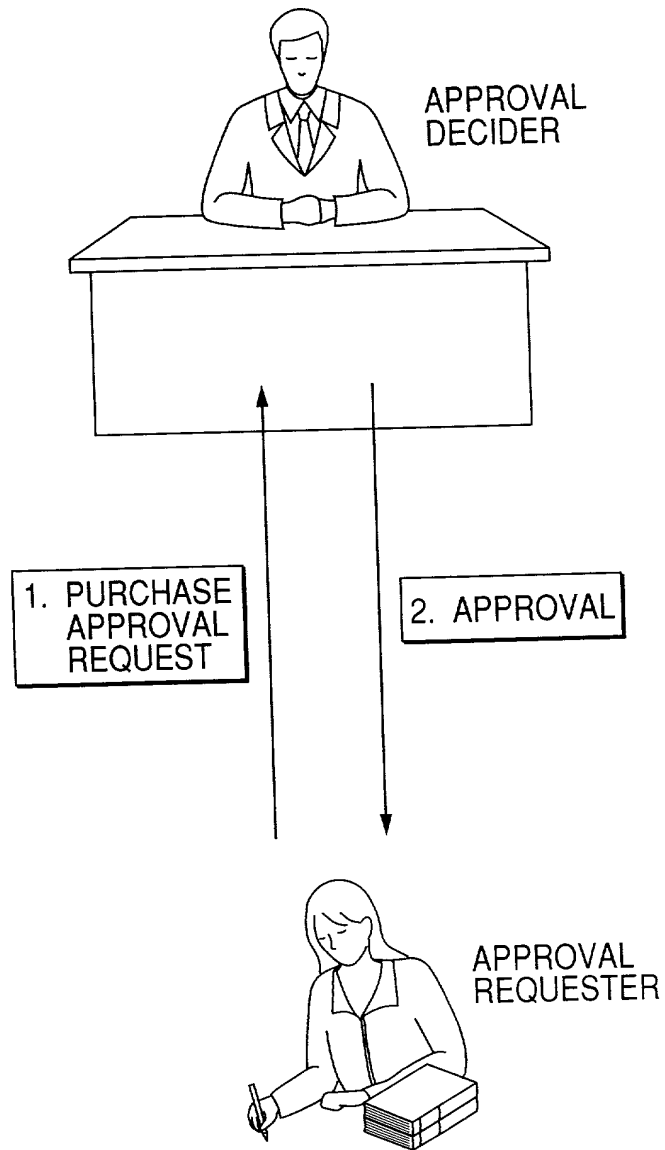


FIG. 1 PRIOR ART

FIG. 2
1ST EMBODIMENT

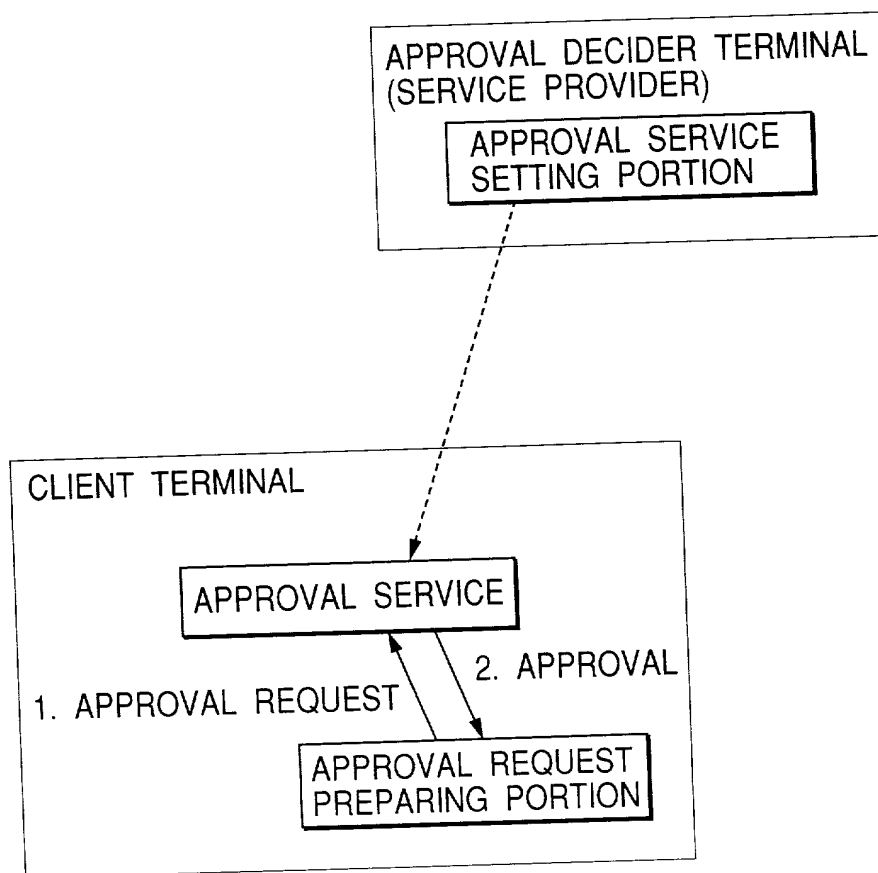


FIG. 3

2ND EMBODIMENT

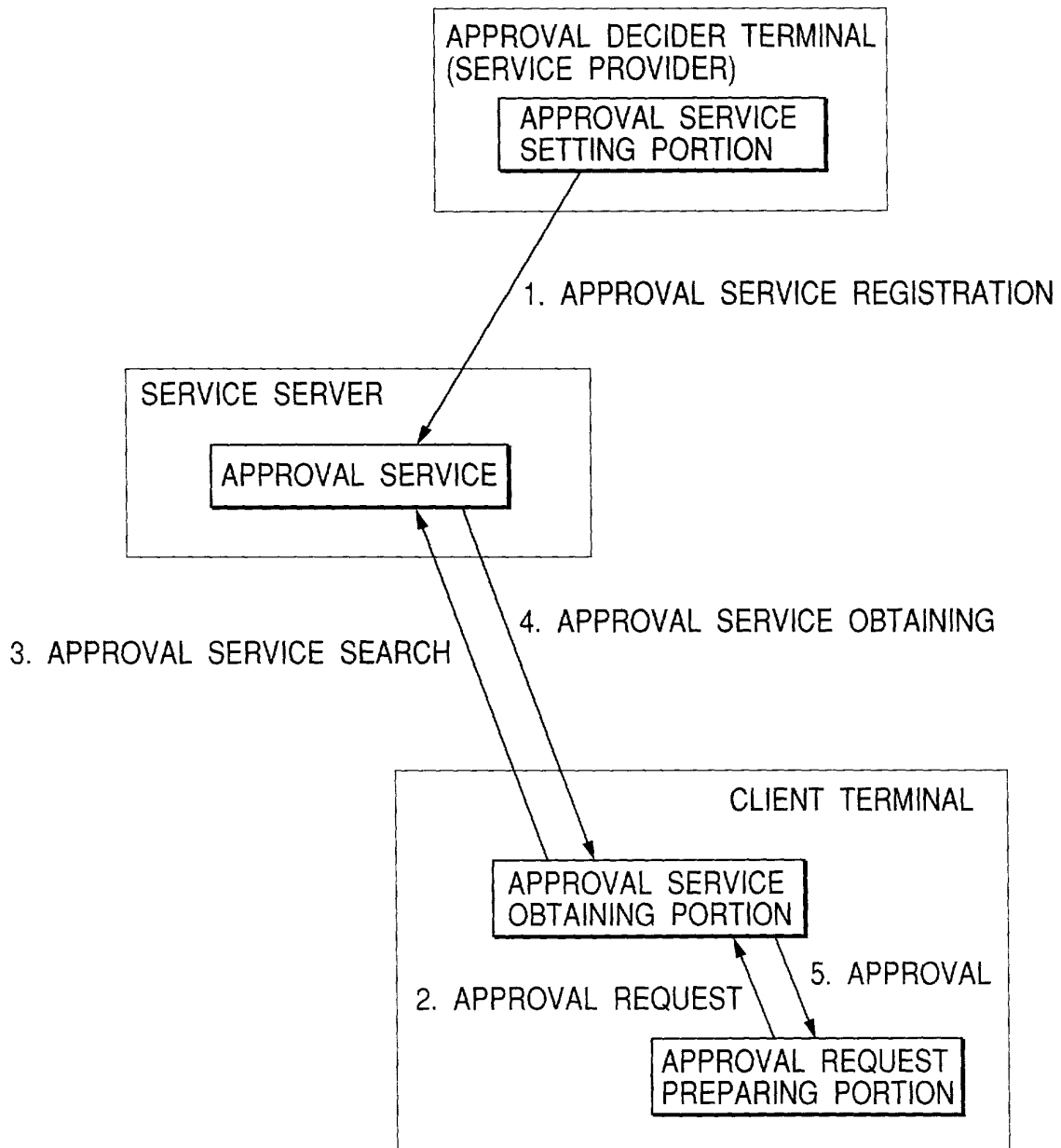
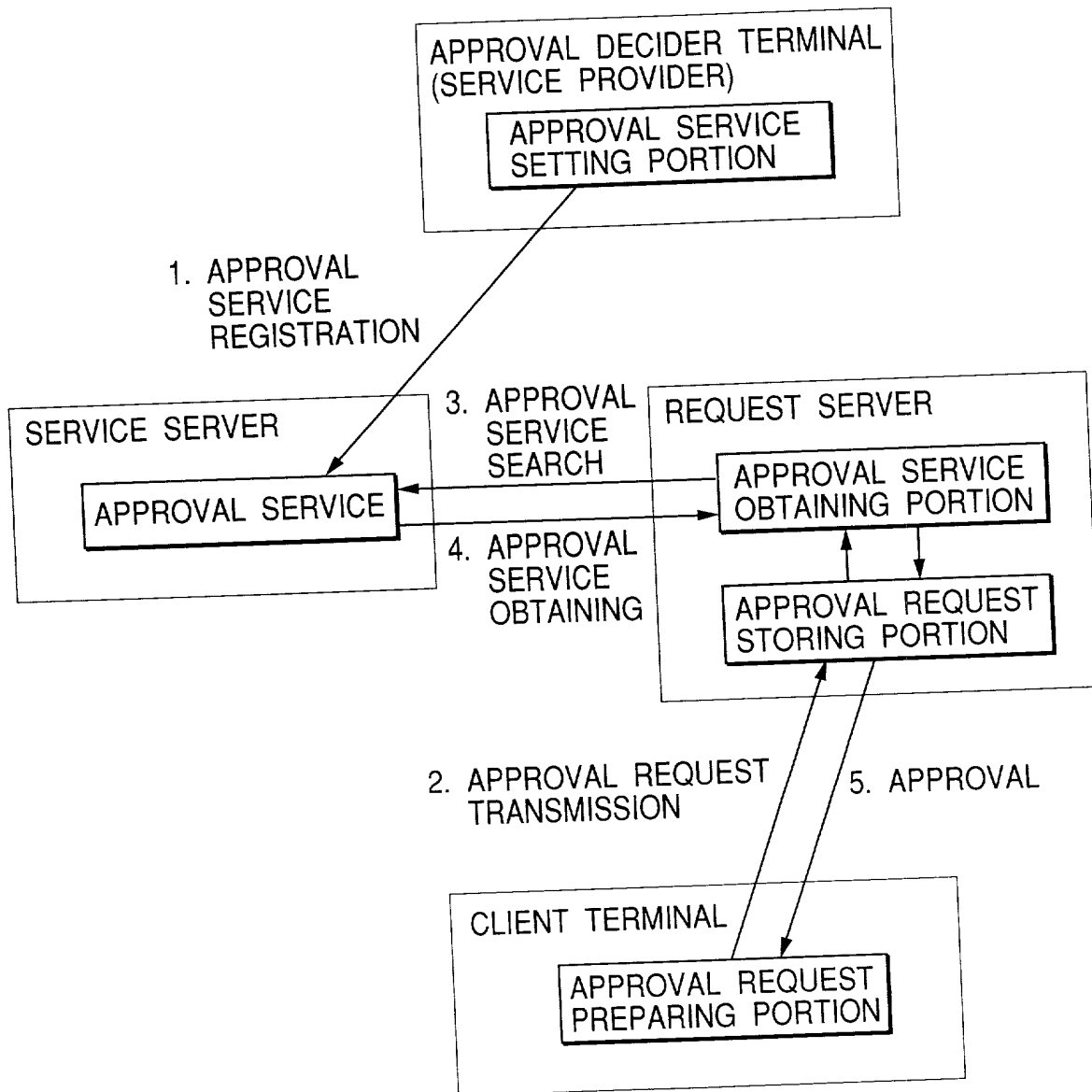


FIG. 4
3RD EMBODIMENT



10033871.123401

FIG. 5

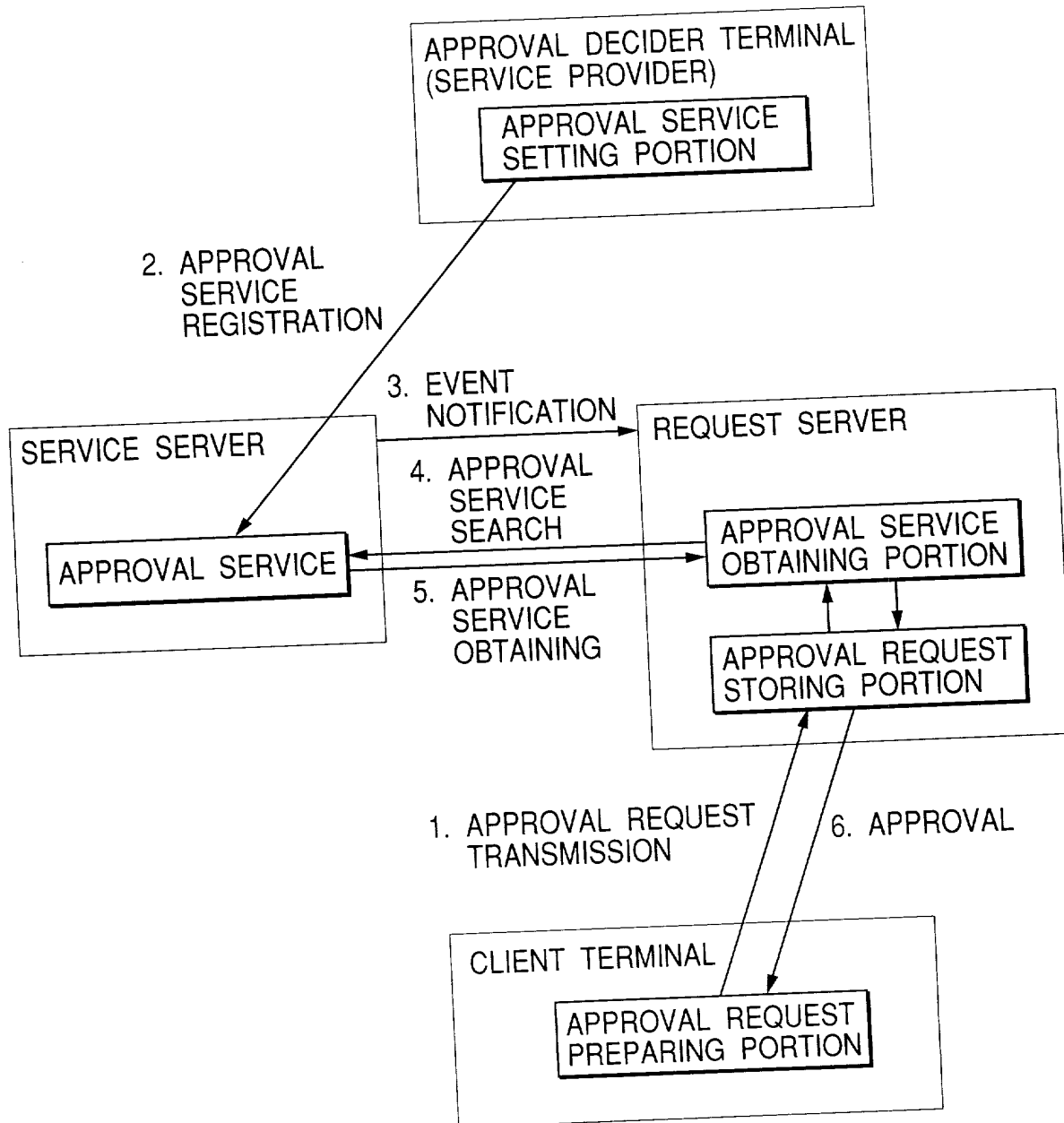


FIG. 6

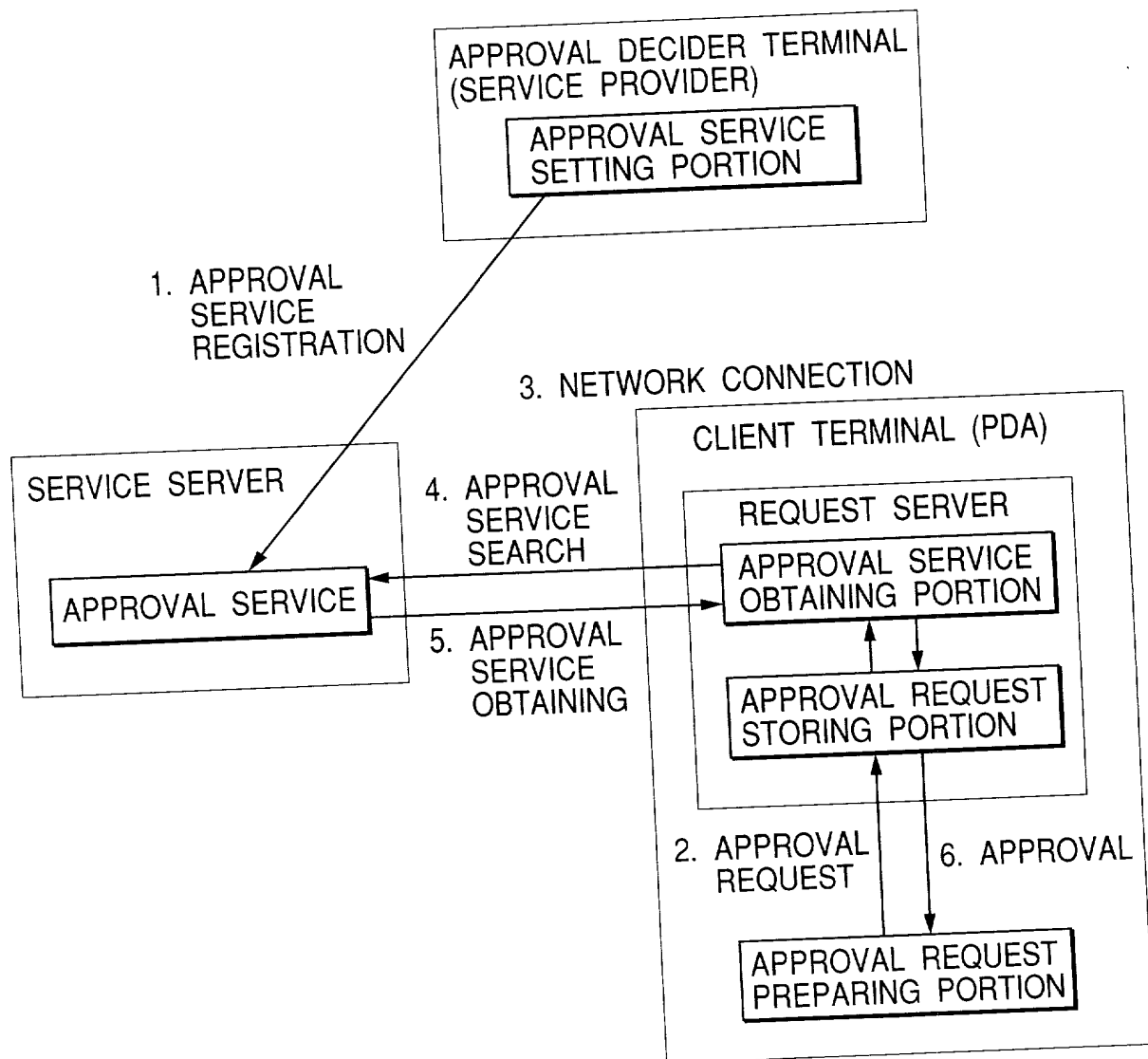


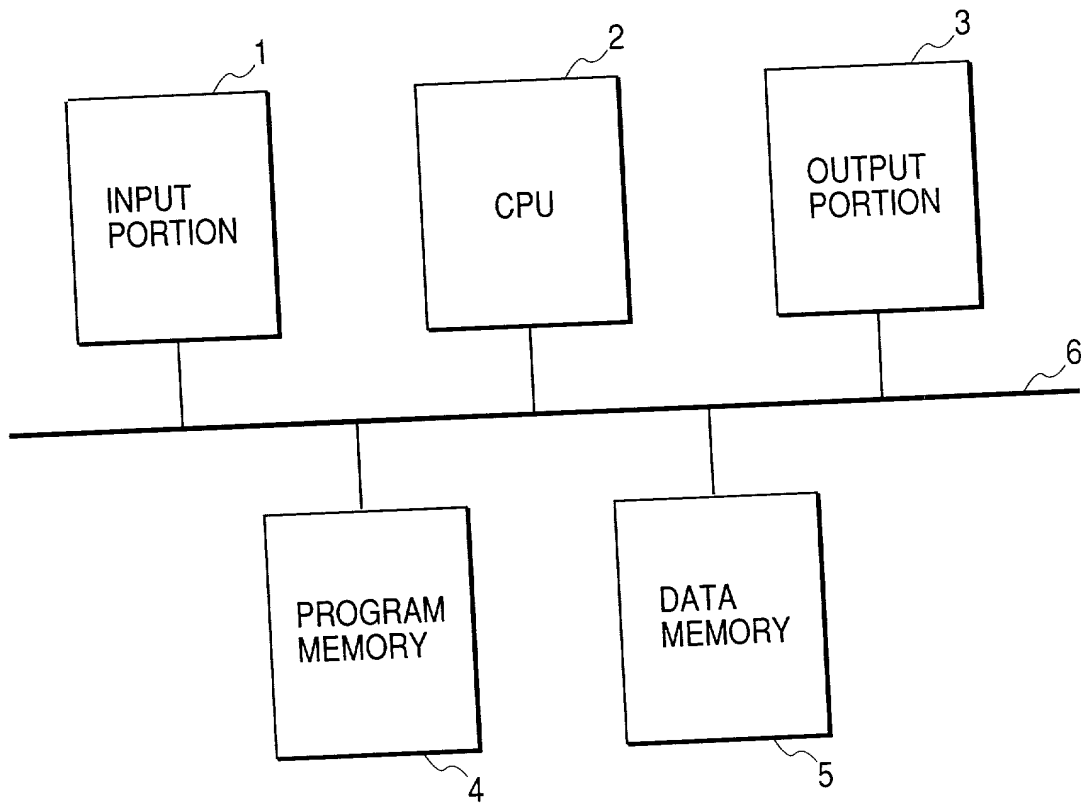
FIG. 7

FIG. 8

PURCHASE APPROVAL REQUEST SIDE SYSTEM ENTIRE FLOW

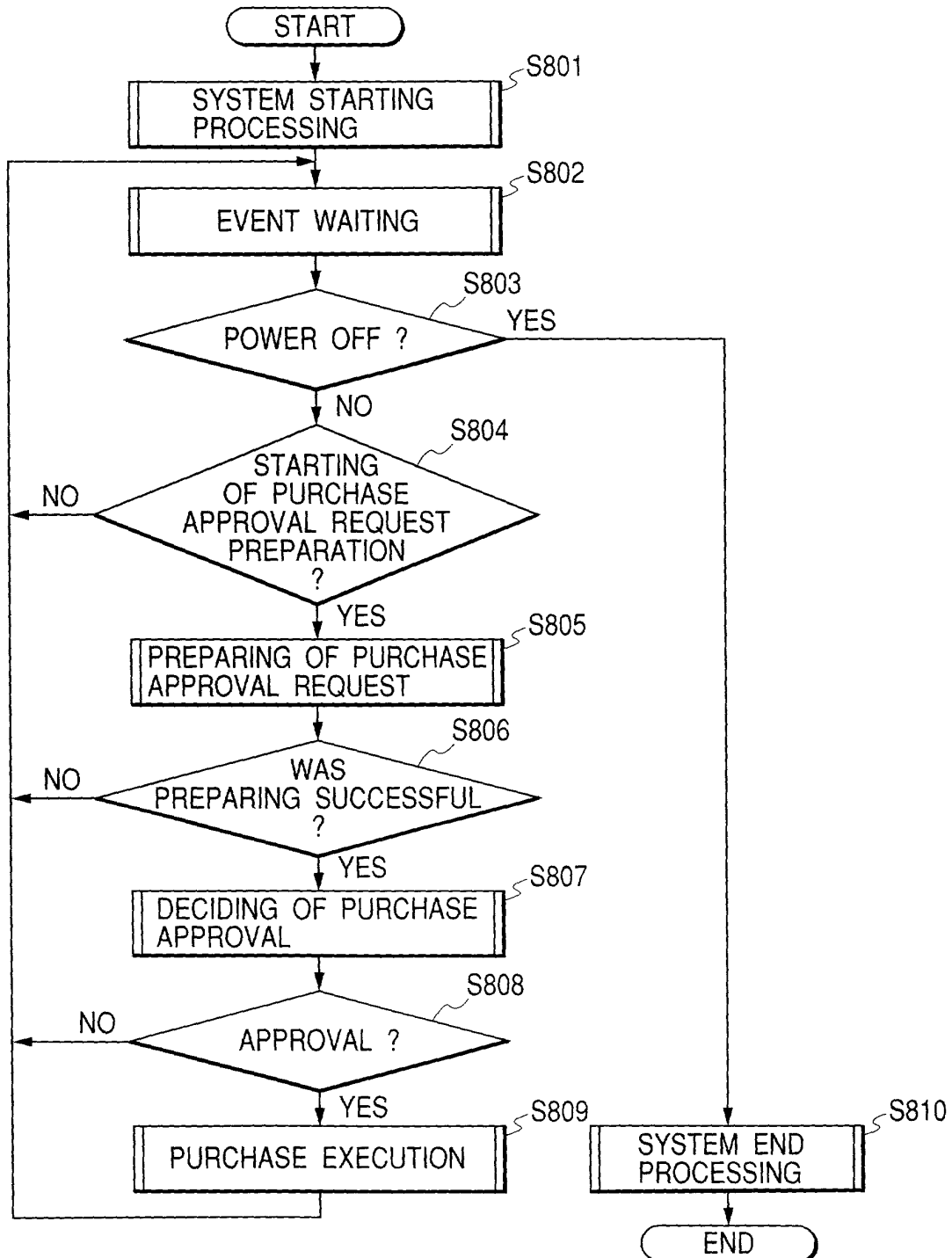


FIG. 9

PURCHASE APPROVAL REQUEST PREPARATION PROCESSING FLOW

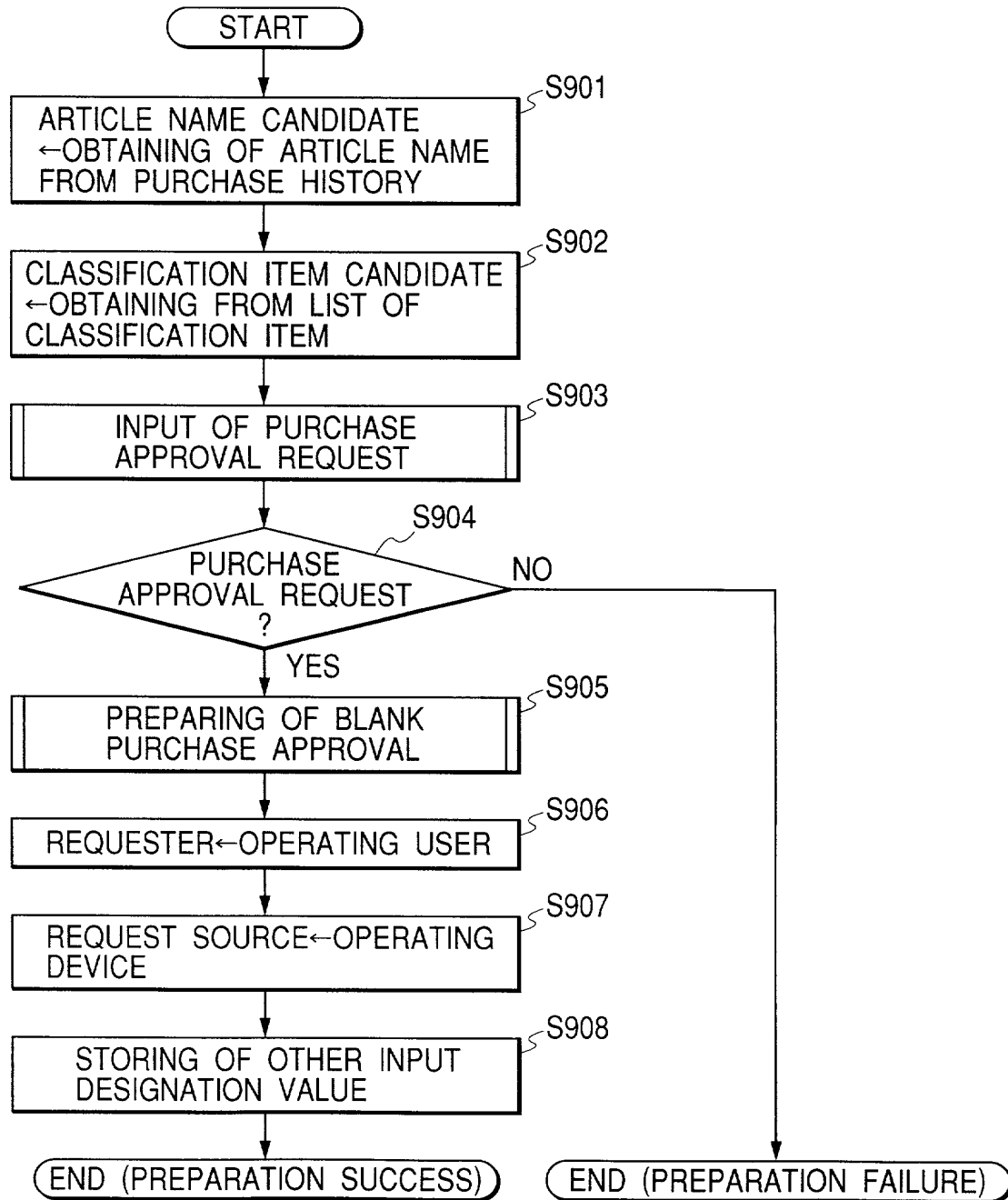


FIG. 9

FIG. 10

PURCHASE HISTORY

DATE	ARTICLE NAME	CLASSIFICATION
1999/12/12	OBJECT ORIENTATION INTRODUCTION	BOOKS
1999/12/10	FOUR SEASONS (FOR 3 TIMES REPRODUCTION)	"MUSIC FLASH"
1999/12/07	EGG (ONE PACK)	FOOD
1999/12/07	BEER (FIVE BOTTLES)	LUXURY GOODS

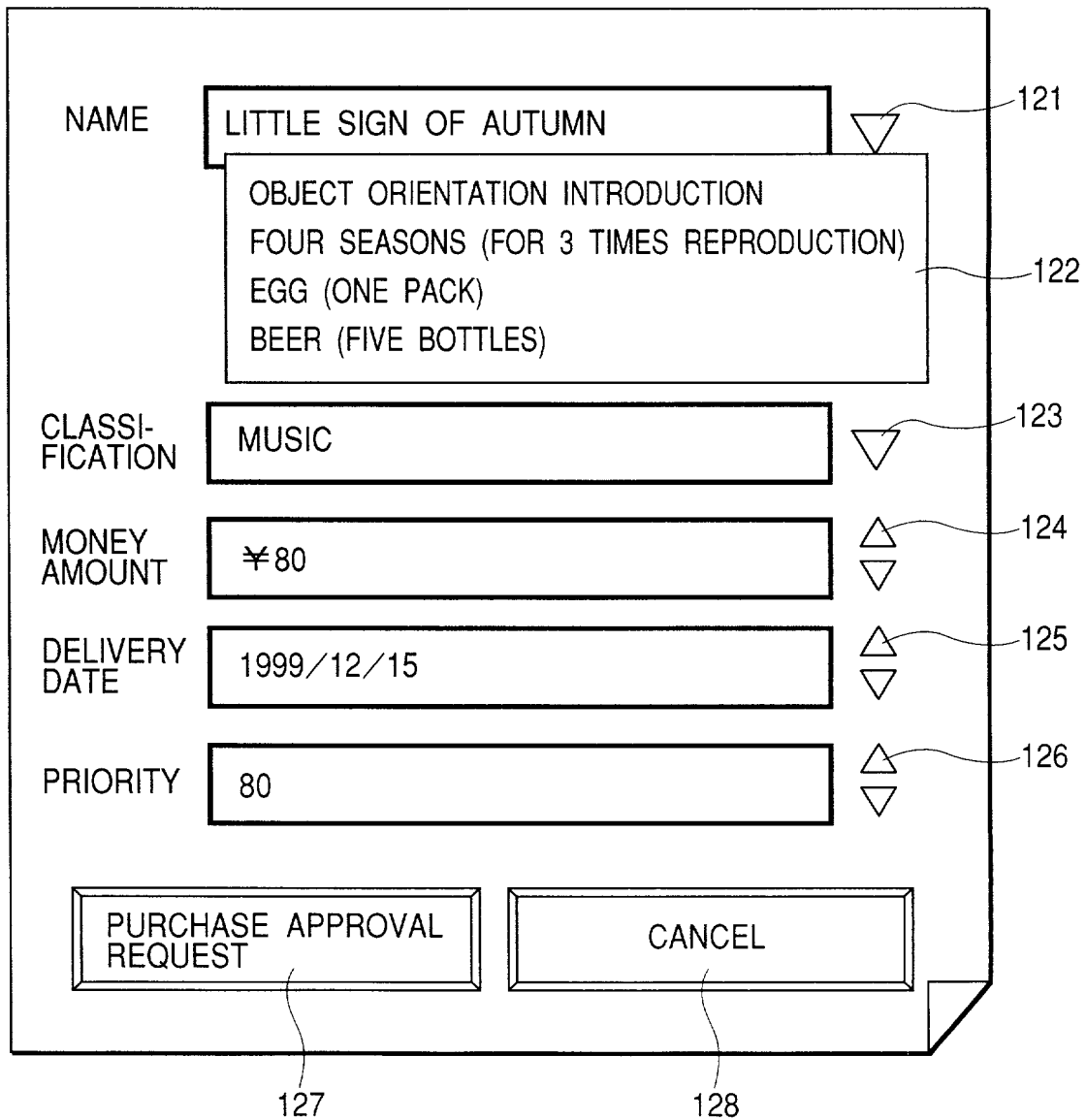
FIG. 11

LIST OF CLASSIFICATION ITEM

ID	ITEM NAME
1	OTHERS
2	MUSIC
3	NEWS
4	DRAMA
5	ANIMATION
6	FOOD
7	LUXURY GOODS
8	CLOTHING
9	AMUSEMENT ARTICLE
10	"MUSIC FLASH"

FIG. 12

PURCHASE APPROVAL REQUEST INPUT SCREEN



The diagram illustrates a 'PURCHASE APPROVAL REQUEST INPUT SCREEN'. It features several input fields and a list of items, each with a reference number:

- NAME**: A text input field containing 'LITTLE SIGN OF AUTUMN' (121). Below it is a list of items (122):
 - OBJECT ORIENTATION INTRODUCTION
 - FOUR SEASONS (FOR 3 TIMES REPRODUCTION)
 - EGG (ONE PACK)
 - BEER (FIVE BOTTLES)
- CLASSIFICATION**: A text input field containing 'MUSIC' (123).
- MONEY AMOUNT**: A text input field containing '¥80' (124).
- DELIVERY DATE**: A text input field containing '1999/12/15' (125).
- PRIORITY**: A text input field containing '80' (126).

At the bottom of the screen are two buttons: 'PURCHASE APPROVAL REQUEST' (127) and 'CANCEL' (128).

FIG. 13

PURCHASE APPROVAL REQUEST

ITEM	VALUE
REQUESTER	TARO
REQUEST SOURCE	COMPO
NAME	LITTLE SIGN OF AUTUMN (FOR 3 TIMES REPRODUCTION)
CLASSIFICATION	MUSIC
MONEY AMOUNT	¥80
DELIVERY DATE	DEC 15, 1999
PRIORITY	80

FIG. 14

PURCHASE APPROVAL REQUEST

ITEM	VALUE
REQUESTER	TARO
REQUEST SOURCE	COMPO
NAME	NINTH SYMPHONY (FOR 3 TIMES REPRODUCTION)
CLASSIFICATION	"MUSIC FLASH"
MONEY AMOUNT	¥80
DELIVERY DATE	DEC 15, 1999
PRIORITY	90

FIG. 15

PURCHASE APPROVAL DECISION PROCESSING FLOW

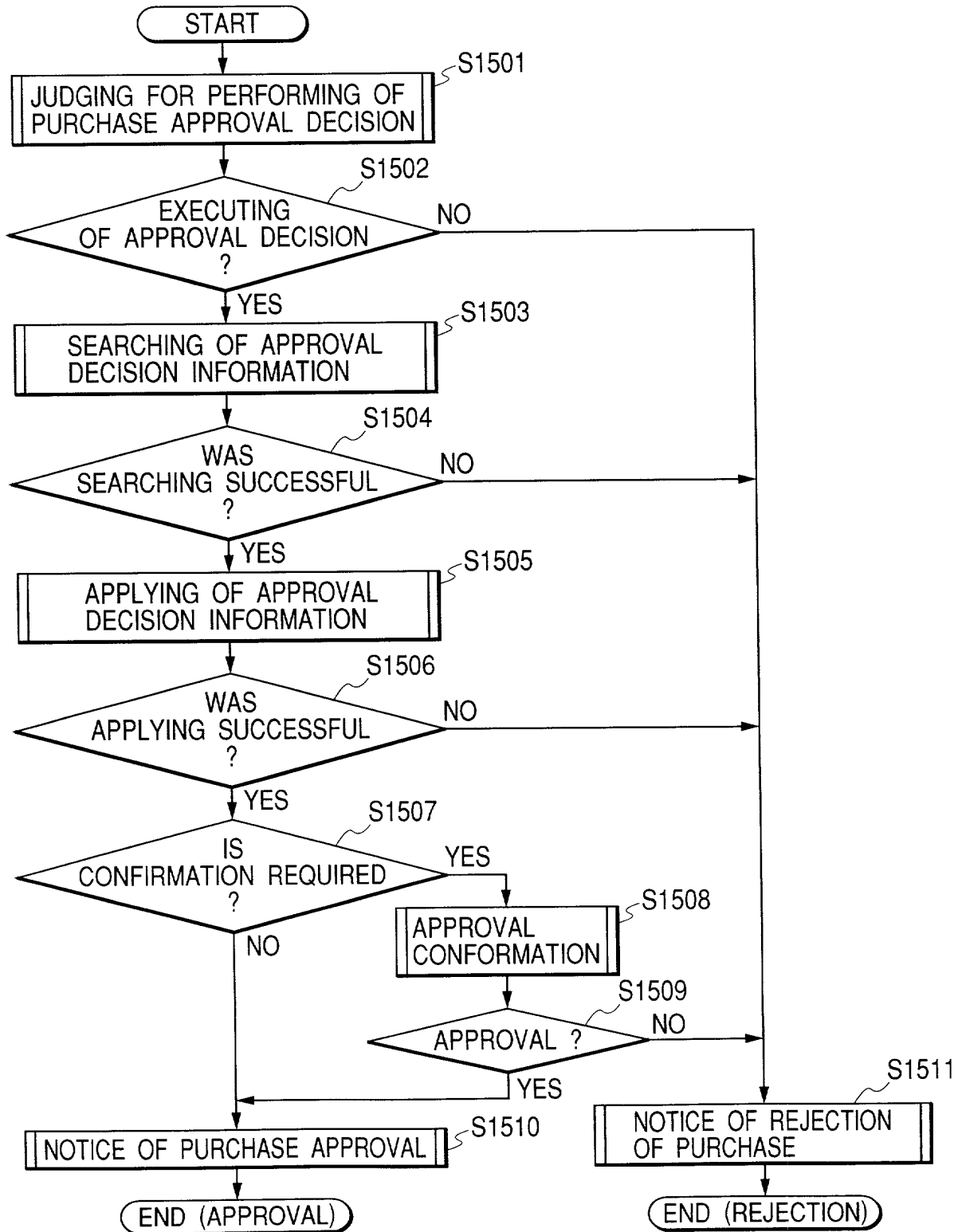
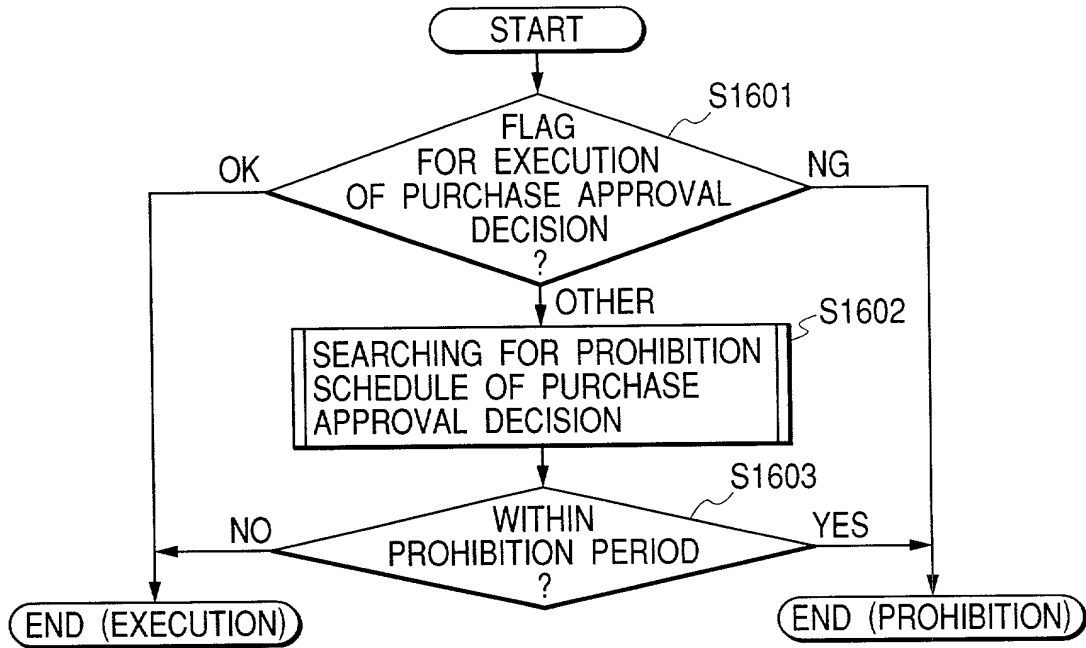


FIG. 16

FLOW OF PROCESSING OF JUDGING FOR EXECUTION
OF PURCHASE APPROVAL DECISION

**FIG. 17**

DEFINITION OF JUDGING FLAG FOR PERFORMING
OF PURCHASE APPROVAL DECISION

FLAG	SIGNIFICANCE
OK	PURCHASE APPROVAL DECISION EXECUTION IS POSSIBLE
NG	PURCHASE APPROVAL DECISION EXECUTION IS PROHIBITED
OTHER	UN-SETTING UP

FIG. 18

PROHIBITION SCHEDULE OF EXECUTION
OF PURCHASE APPROVAL DECISION

DATE	
EVERY DAY	24:00 TO 05:00
EVERY WEEK	SUNDAY
EVERY YEAR	AUGUST 10 TO AUGUST 15

FIG. 19

ESTIMATED COST INFORMATION

	CLASSIFICATION	TARO	HANAKO	TAKUYA	DEVICE	APPROVAL
COMPO	"MUSIC FLASH"	¥2,000	¥0	¥0	¥0	
	MUSIC	¥0	¥2,000	¥500	¥0	REQUIRED
	NEWS	¥2,000	¥0	¥0	¥0	
	OTHERS	¥0	¥0	¥0	¥1,000	REQUIRED
TV	MUSIC	¥2,000	¥2,000	¥500	¥0	REQUIRED
	NEWS	¥2,000	¥0	¥0	¥0	
	DRAMA	¥0	¥2,000	¥0	¥0	
	ANIMATION	¥0	¥0	¥1,000	¥0	
	OTHERS	¥0	¥0	¥0	¥1,000	REQUIRED
REFRIG- ERATOR	FOOD	¥0	¥20,000	¥0	¥0	REQUIRED
	LUXURY GOODS	¥2,000	¥4,000	¥1,000	¥0	REQUIRED
	OTHERS	¥0	¥0	¥0	¥1,000	REQUIRED
OTHERS	CLOTHING	¥5,000	¥5,000	¥0	¥0	REQUIRED
	AMUSEMENT ARTICLE	¥5,000	¥5,000	¥2,000	¥0	REQUIRED
	OTHERS	¥50,000	¥50,000	¥0	¥2,000	REQUIRED
TOTAL SUM		¥70,000	¥90,000	¥5,000	¥5,000	

FIG. 20

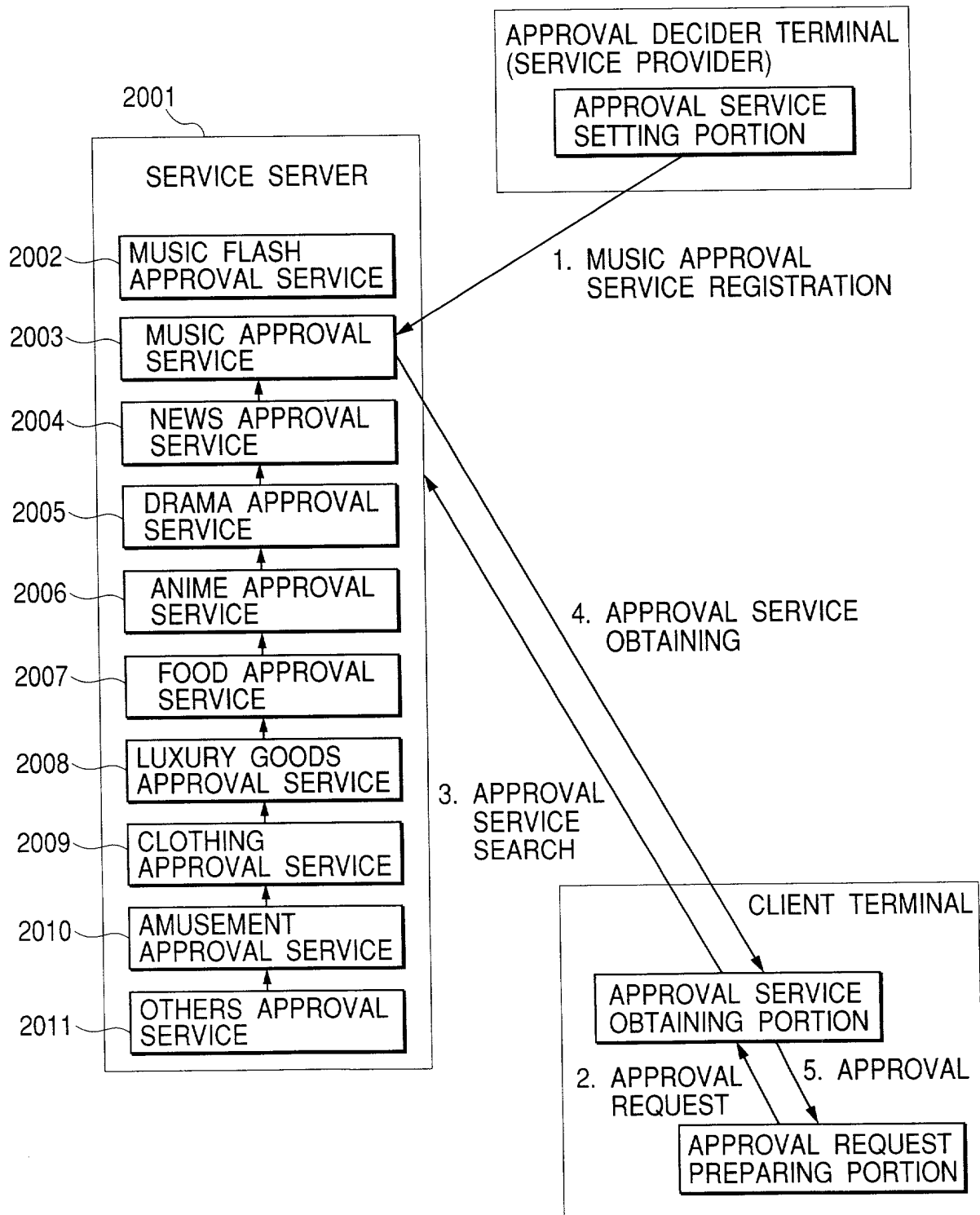


FIG. 21

PURCHASE APPROVAL SERVICE PROVIDER

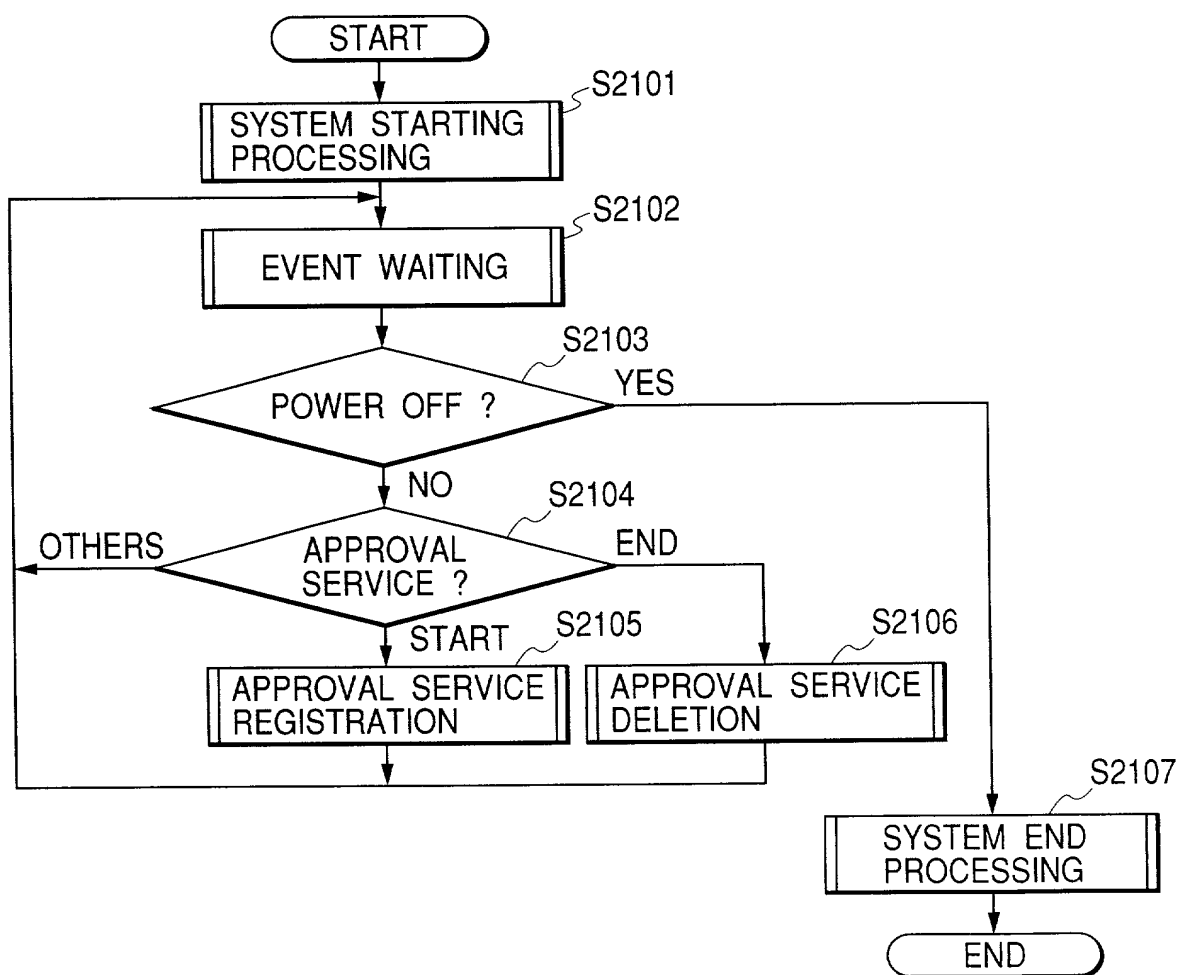


FIG. 22

PURCHASE APPROVAL SERVICE SERVER

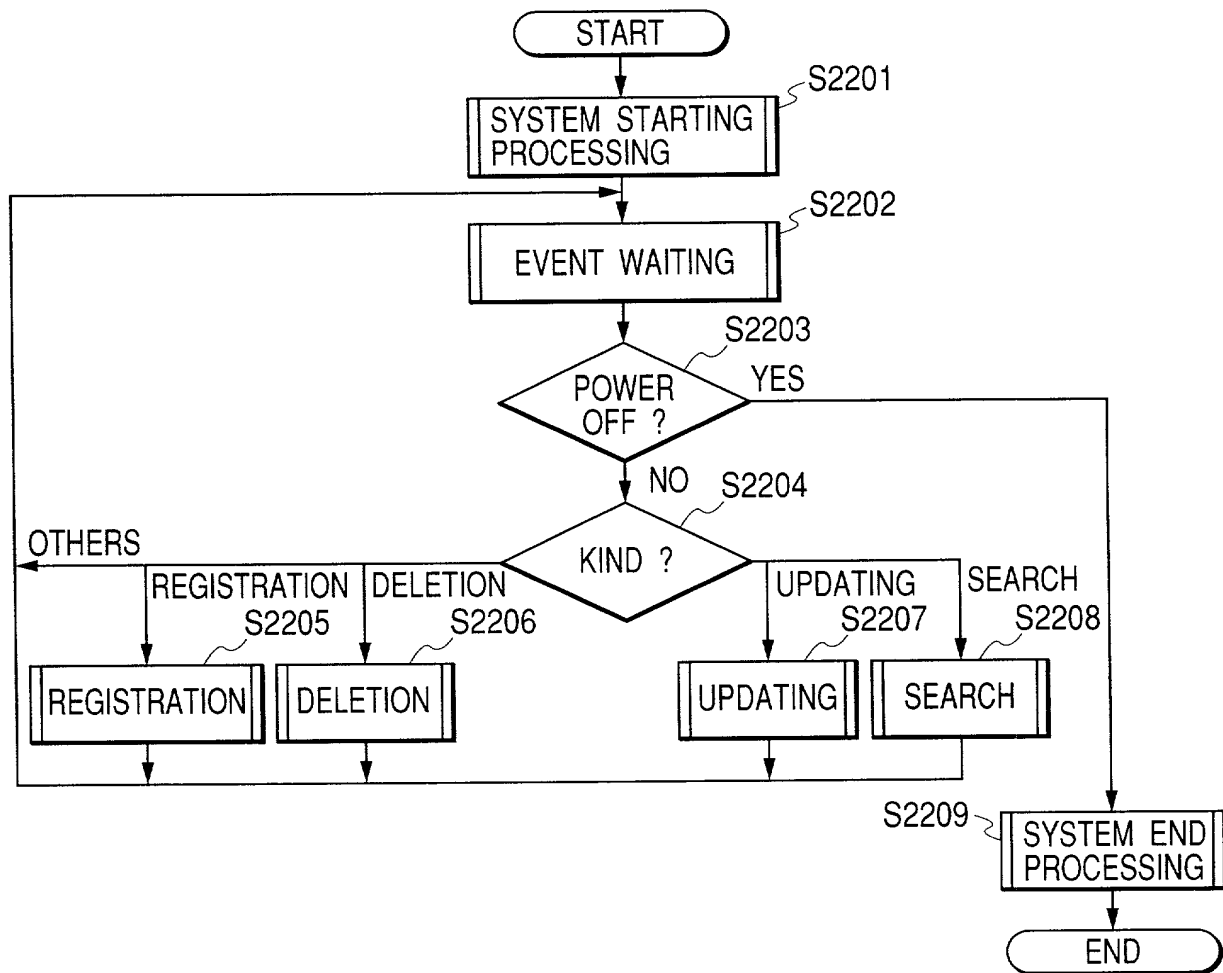


FIG. 23
PURCHASE APPROVAL
SERVICE REGISTRATION
INFORMATION

ID	CLASSIFICATION	OBJECT
1	"MUSIC FLASH"	OBJECT 1
2	MUSIC	OBJECT 2
3	NEWS	OBJECT 3
4	DRAMA	OBJECT 4
5	ANIMATION	OBJECT 5
6	FOOD	OBJECT 6
7	LUXURY GOODS	OBJECT 7
8	CLOTHING	OBJECT 8
9	AMUSEMENT ARTICLE	OBJECT 9
10	OTHERS	OBJECT 10

FIG. 24

MUSIC APPROVAL SERVICE
· METHOD 1, METHOD 2, ...

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥2,000	¥500	¥0	REQUIRED
TV	¥2,000	¥2,000	¥500	¥0	REQUIRED

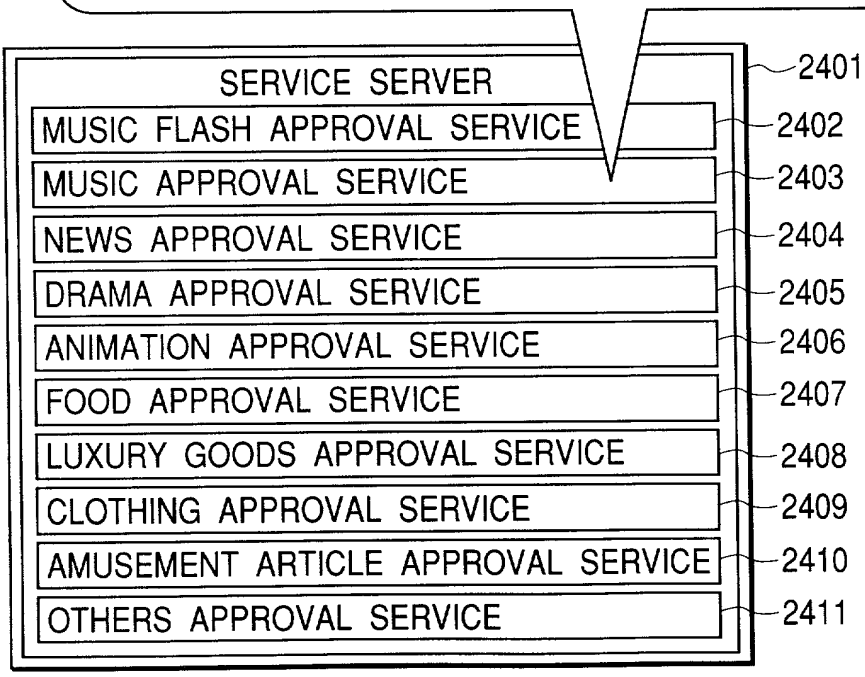


FIG. 25

PURCHASE APPROVAL SERVICE SEARCH

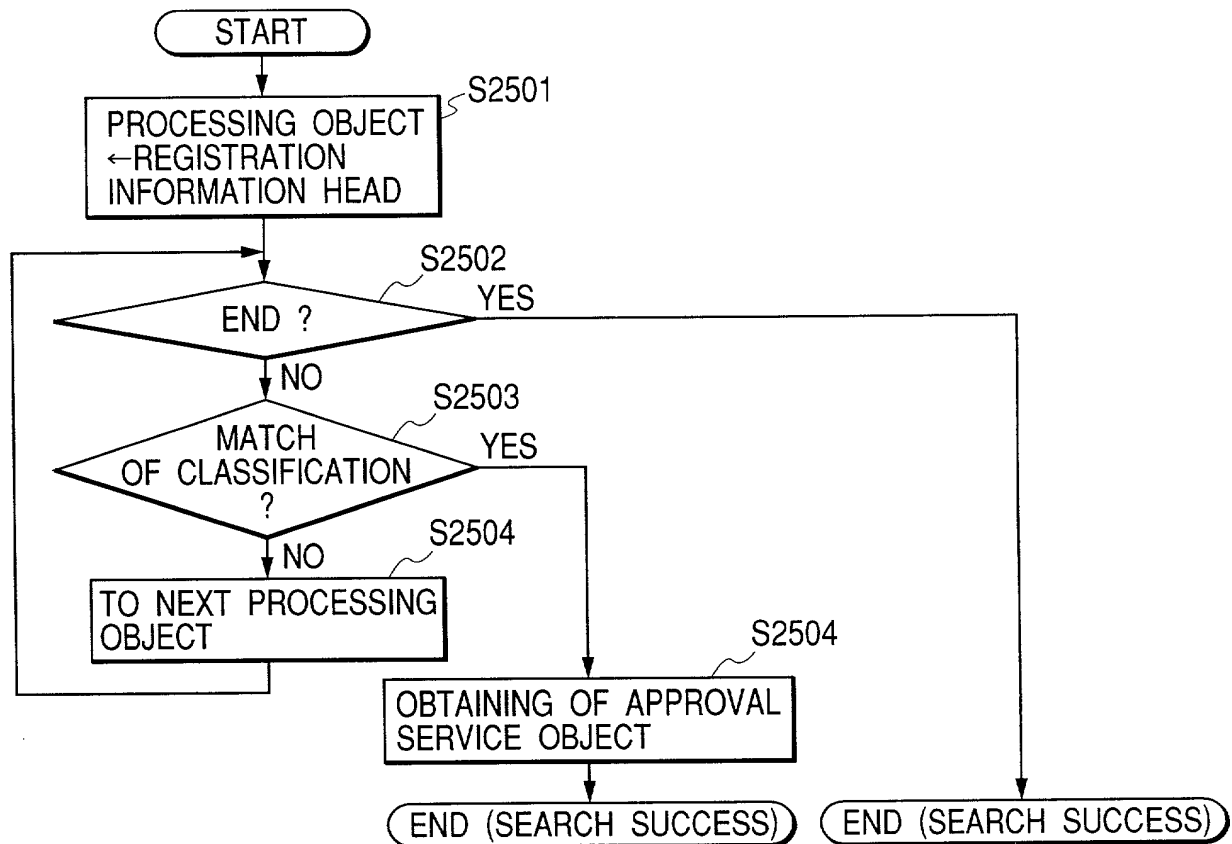
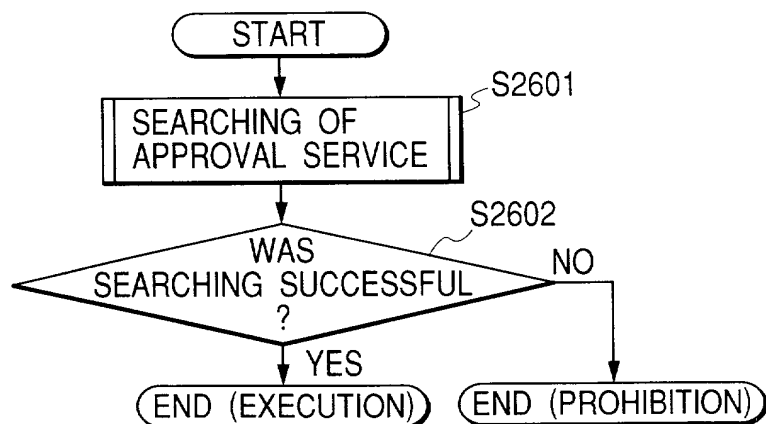
**FIG. 26**FLOW OF PROCESSING OF JUDGING FOR
EXECUTION OF PURCHASE APPROVAL DECISION

FIG. 27

MUSIC FLASH ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥2,000	¥0	¥0	¥0	

FIG. 28

MUSIC ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥2,000	¥500	¥0	REQUIRED
TV	¥2,000	¥2,000	¥500	¥0	REQUIRED

FIG. 29

NEWS ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥2,000	¥0	¥0	¥0	
TV	¥2,000	¥0	¥0	¥0	

FIG. 30

DRAMA ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
TV	¥0	¥2,000	¥0	¥0	

FIG. 31

ANIMATION ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
TV	¥0	¥0	¥1,000	¥0	

FIG. 32

FOOD ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
REFRIGERATOR	¥0	¥20,000	¥0	¥0	REQUIRED

FIG. 33

LUXURY GOODS ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
REFRIGERATOR	¥2,000	¥4,000	¥1,000	¥0	REQUIRED

FIG. 34

CLOTHING ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
OTHERS	¥5,000	¥5,000	¥0	¥0	REQUIRED

FIG. 35

AMUSEMENT ARTICLE ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
OTHERS	¥5,000	¥5,000	¥2,000	¥0	REQUIRED

FIG. 36

OTHERS ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥0	¥0	¥1,000	REQUIRED
TV	¥0	¥0	¥0	¥1,000	REQUIRED
REFRIGERATOR	¥0	¥0	¥0	¥1,000	REQUIRED
OTHERS	¥50,000	¥50,000	¥0	¥2,000	REQUIRED

FIG. 37

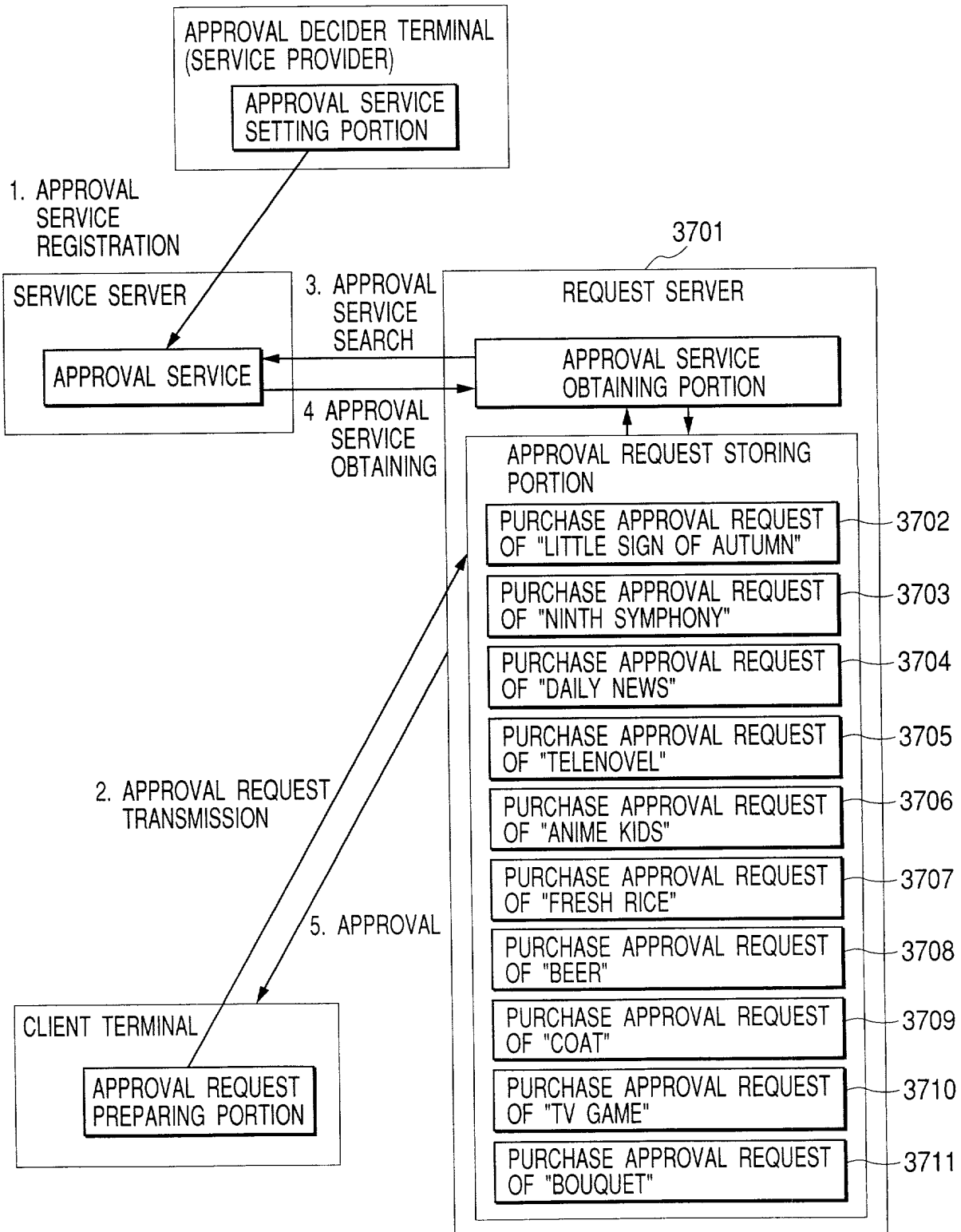


FIG. 38

PURCHASE APPROVAL REQUEST SIDE SYSTEM ENTIRE FLOW

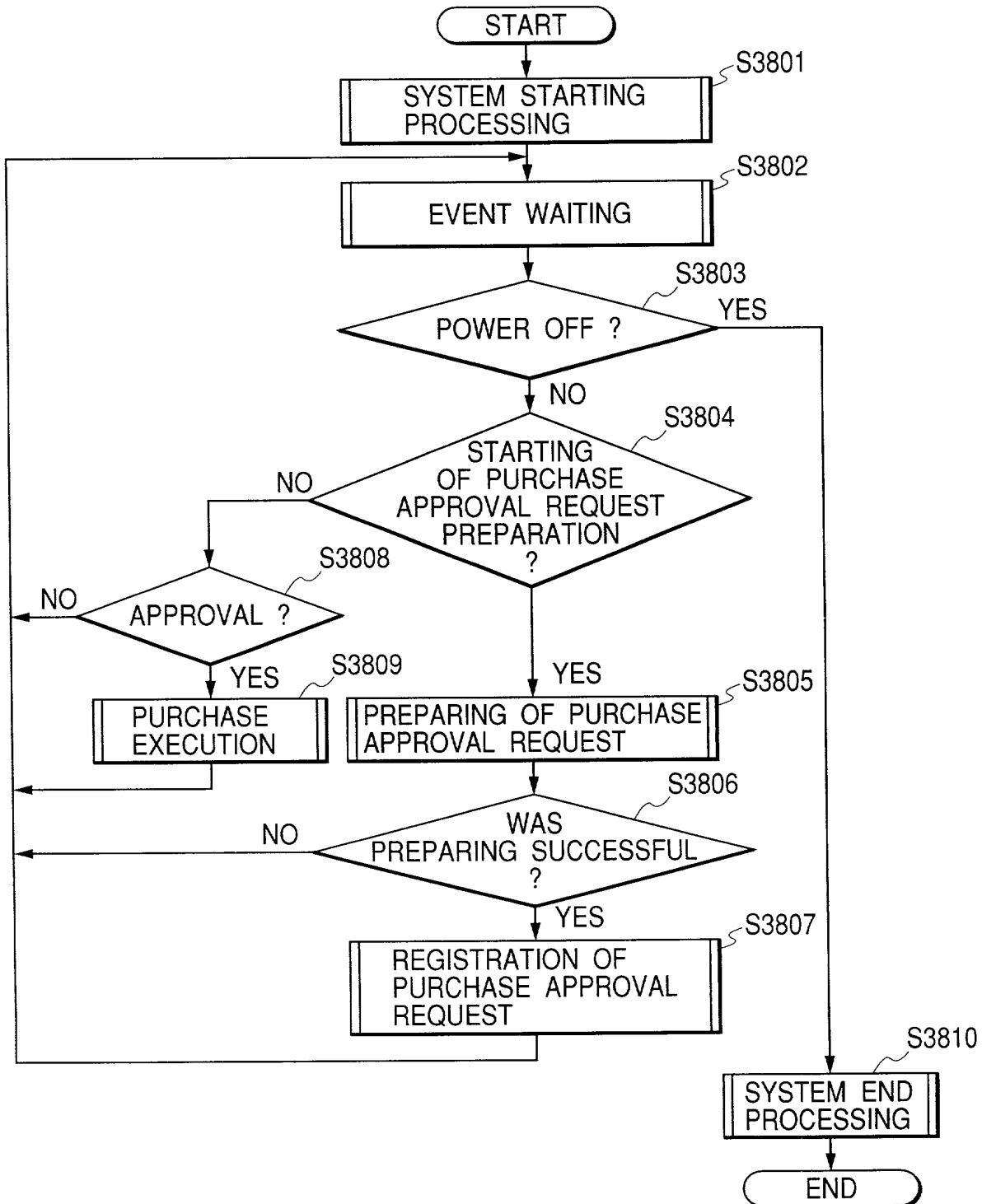


FIG. 39

PURCHASE APPROVAL REQUEST SERVER

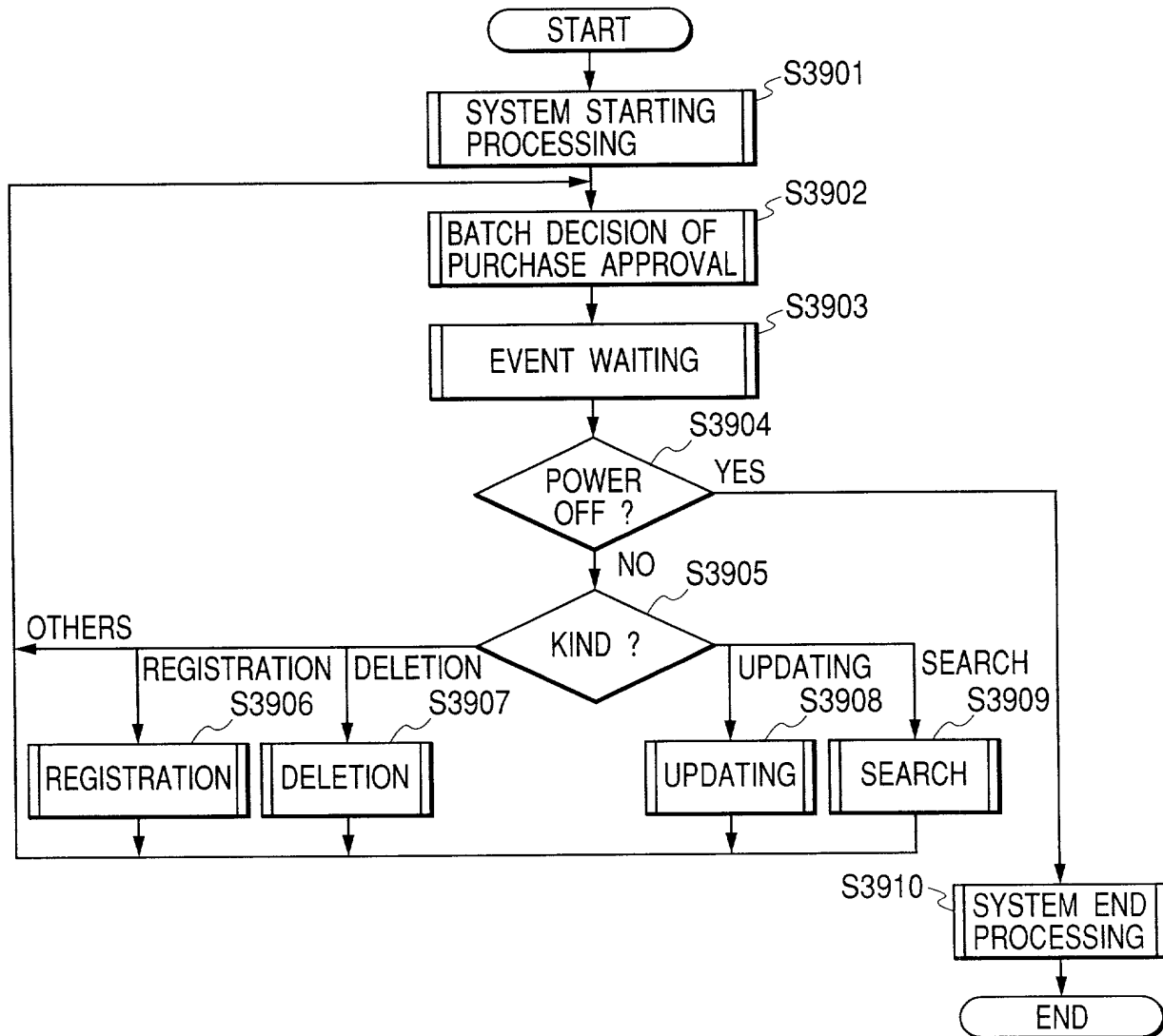


FIG. 40PURCHASE APPROVAL
REQUEST REGISTRATION
INFORMATION

ID	REQUESTER	REQUEST SOURCE	OBJECT
1	TARO	COMPO	OBJECT 1
2	TARO	COMPO	OBJECT 2
3	TARO	COMPO	OBJECT 3
4	HANAKO	TV	OBJECT 4
5	TAKUYA	TV	OBJECT 5
6	HANAKO	REFRIGERATOR	OBJECT 6
7	TARO	REFRIGERATOR	OBJECT 7
8	HANAKO	OTHERS	OBJECT 8
9	TAKUYA	OTHERS	OBJECT 9
10	HANAKO	OTHERS	OBJECT 10

FIG. 41PURCHASE
APPROVAL
REQUEST OF
"LITTLE SIGN
OF AUTUMN"

ITEM	VALUE
REQUESTER	TARO
REQUEST SOURCE	COMPO
NAME	LITTLE SIGN OF AUTUMN (FOR 3 TIMES REPRODUCTION)
CLASSIFICATION	MUSIC
MONEY AMOUNT	¥80
DELIVERY DATE	DEC 15, 1999
PRIORITY	80

REQUEST SERVER

- PURCHASE APPROVAL REQUEST OF "LITTLE SIGN OF AUTUMN"
- PURCHASE APPROVAL REQUEST OF "NINTH SYMPHONY"
- PURCHASE APPROVAL REQUEST OF "DAILY NEWS"
- PURCHASE APPROVAL REQUEST OF "TELENOVEL"
- PURCHASE APPROVAL REQUEST OF "ANIME KIDS"
- PURCHASE APPROVAL REQUEST OF "FRESH RICE"
- PURCHASE APPROVAL REQUEST OF "BEER"
- PURCHASE APPROVAL REQUEST OF "COAT"
- PURCHASE APPROVAL REQUEST OF "TV GAME"
- PURCHASE APPROVAL REQUEST OF "BOUQUET"

4101

4102

4103

4104

4105

4106

4107

4108

4109

4110

4111

FIG. 42

BATCH DECISION OF PURCHASE APPROVAL

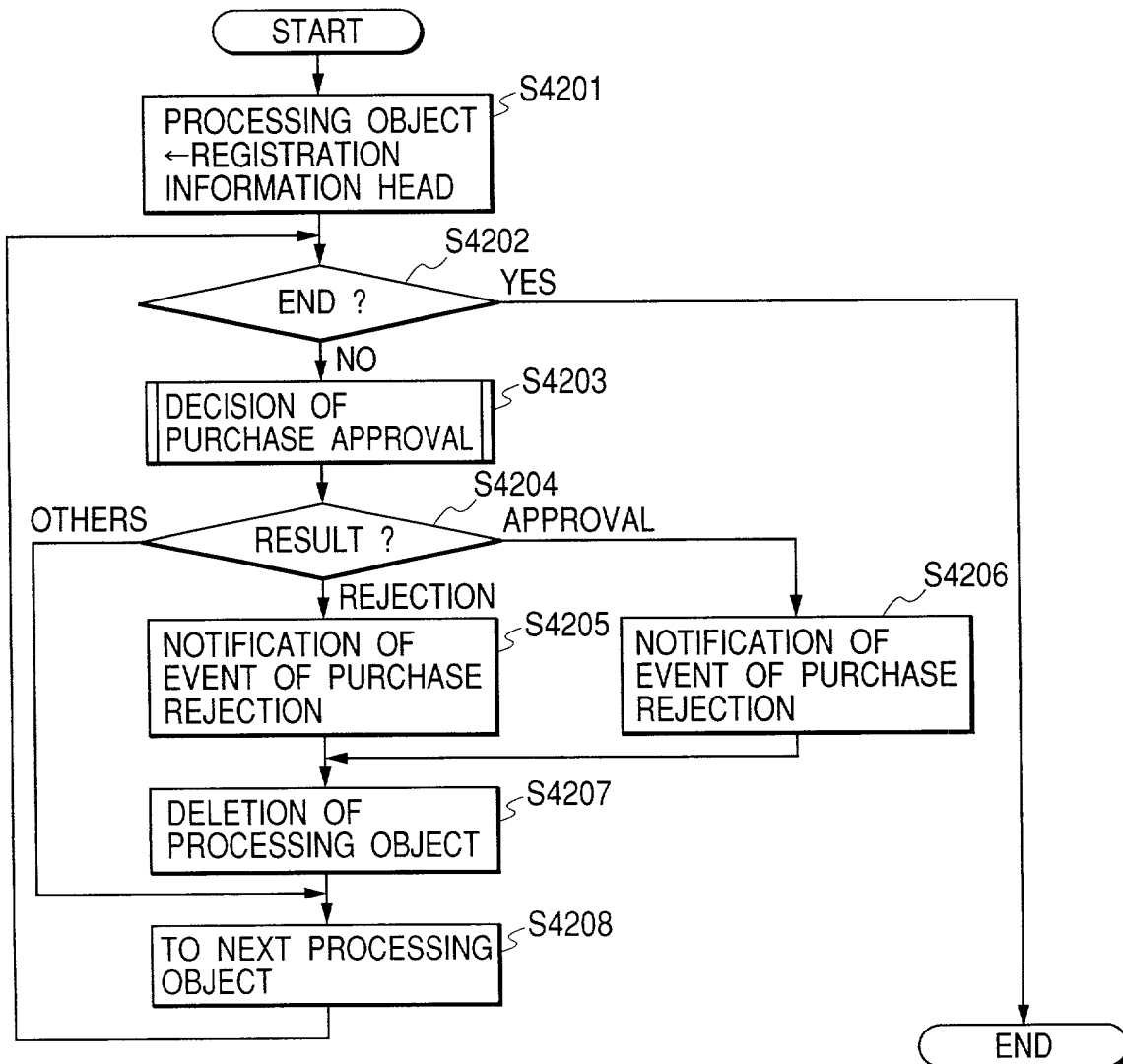


FIG. 43

PURCHASE APPROVAL DECISION PROCESSING FLOW

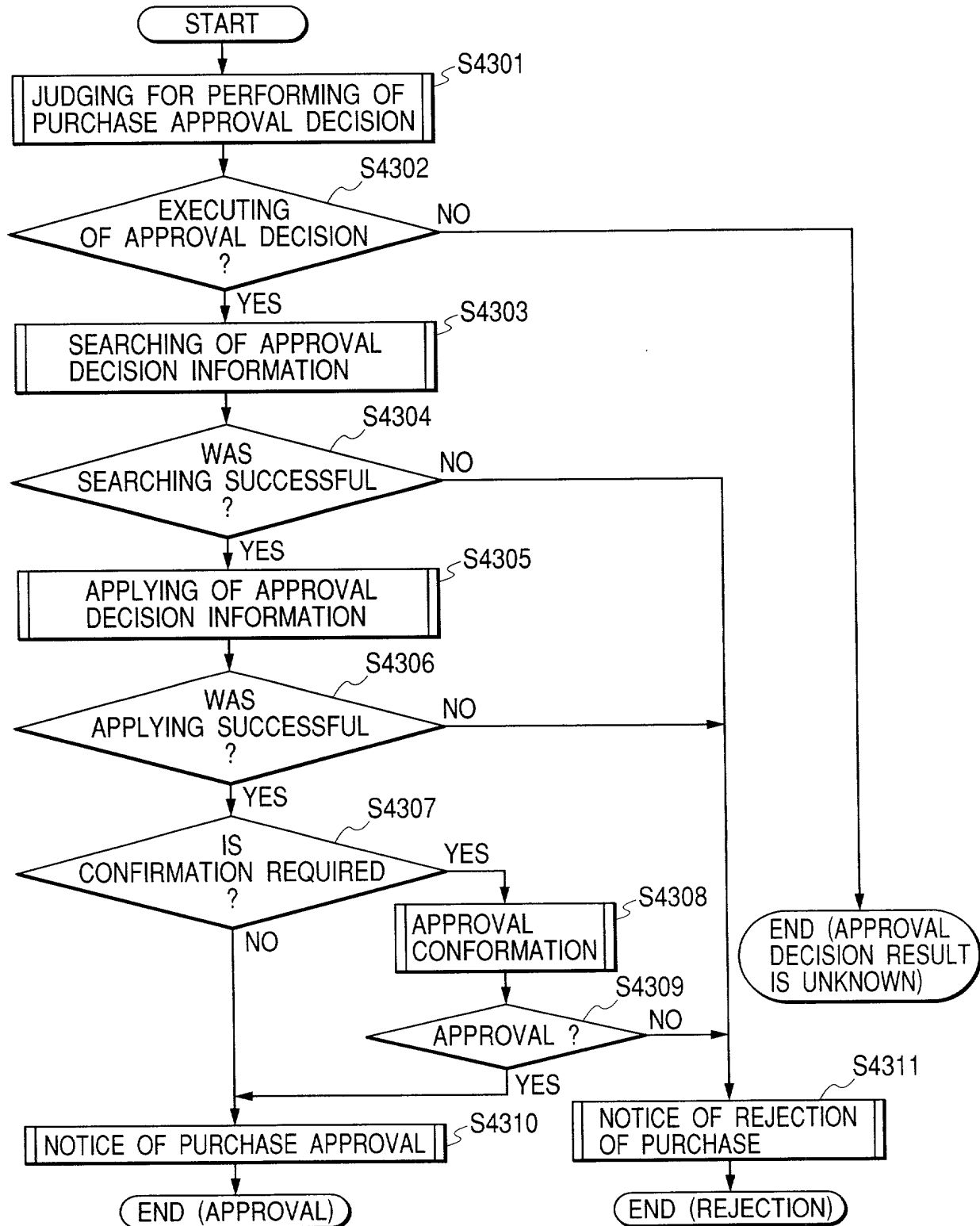


FIG. 44

LOGIN·LOGOUT SCREEN

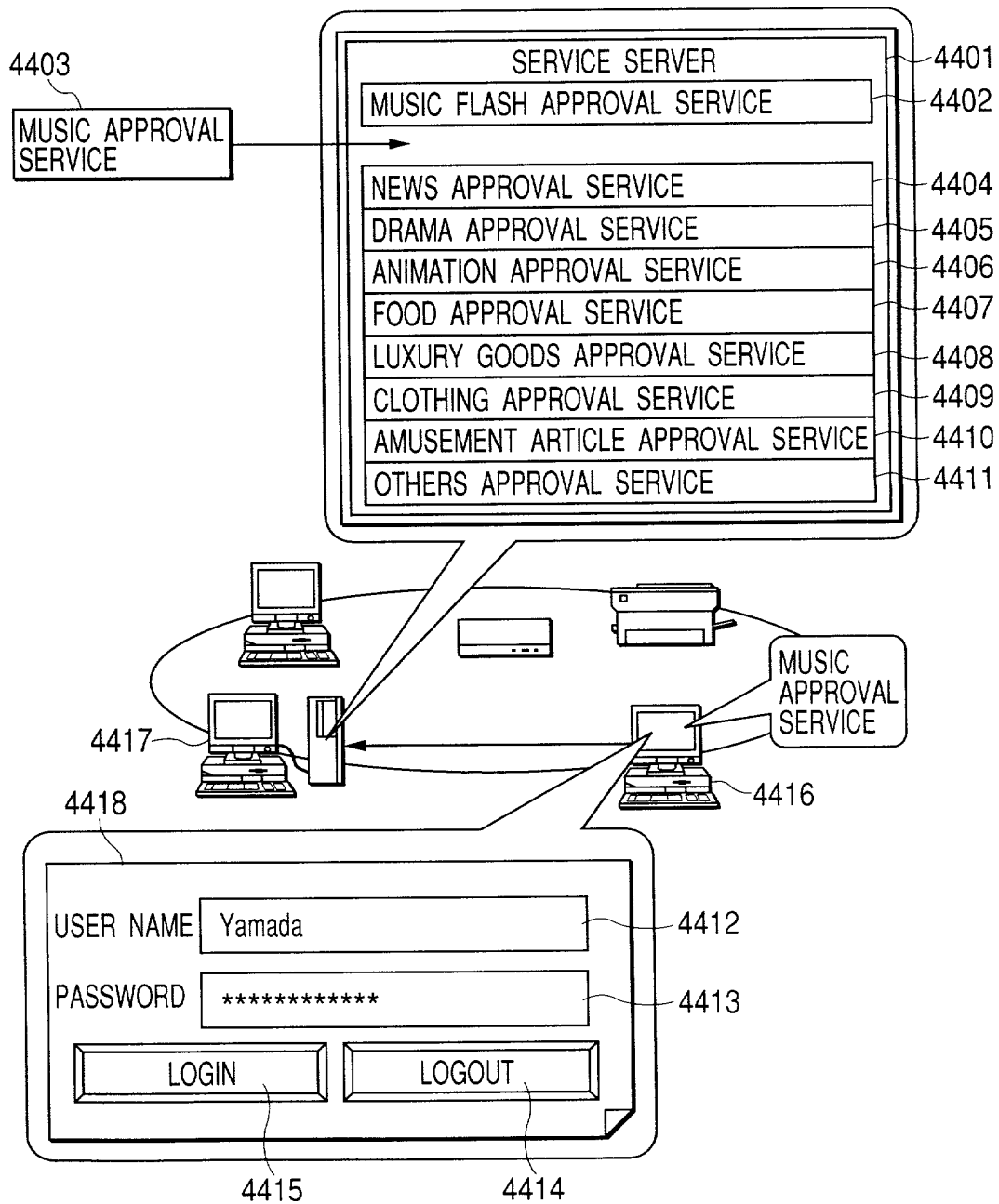


FIG. 45

PURCHASE APPROVAL SERVICE PROVIDER

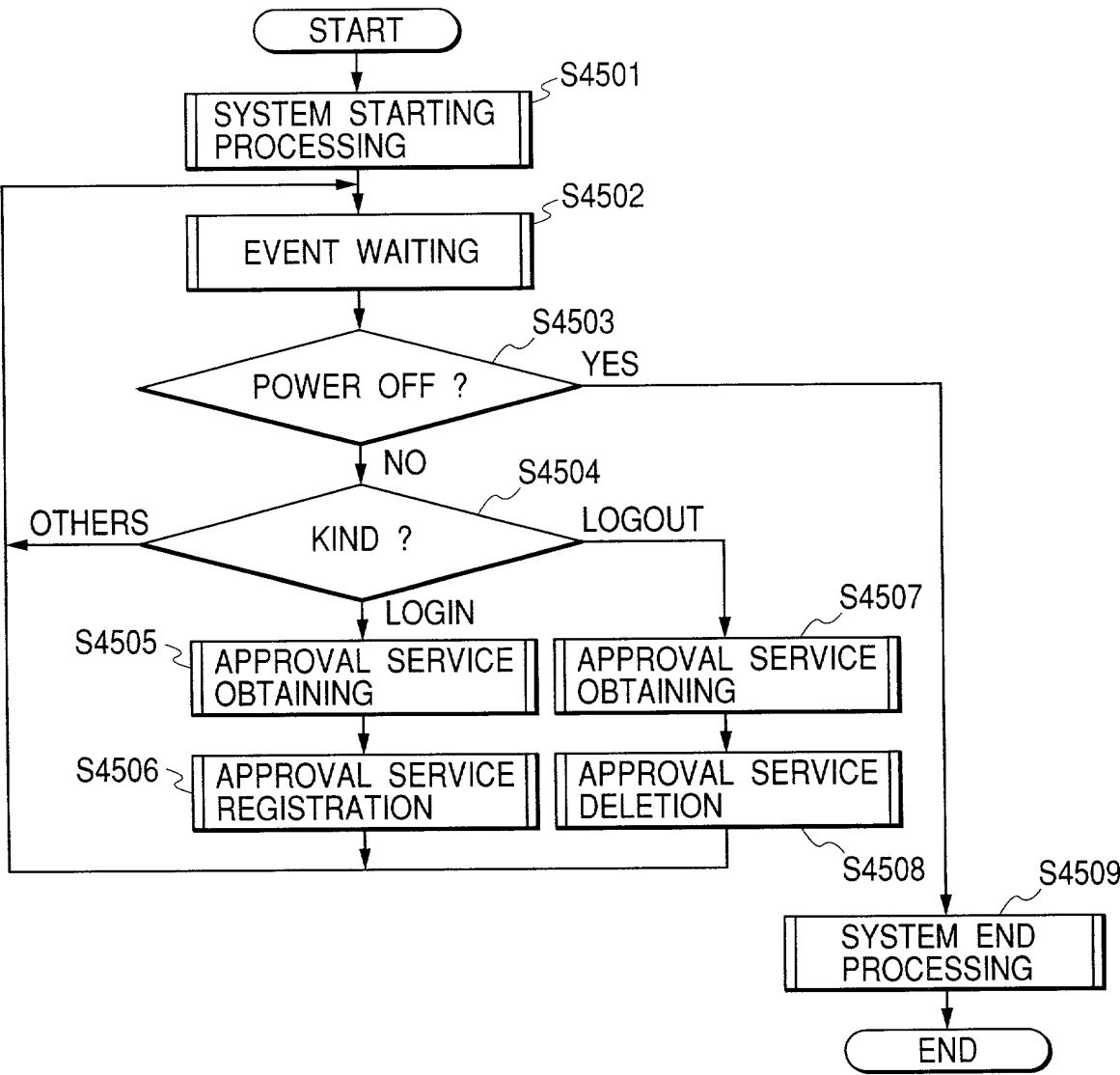


FIG. 46

PURCHASE APPROVAL DECIDER CORRESPONDENCE INFORMATION

PURCHASE APPROVAL DECIDER	PURCHASE APPROVAL SERVICE
TAKAHASHI	MUSIC FLASH APPROVAL SERVICE
YAMADA	MUSIC APPROVAL SERVICE
SUZUKI	NEWS APPROVAL SERVICE
SUZUKI	DRAMA APPROVAL SERVICE

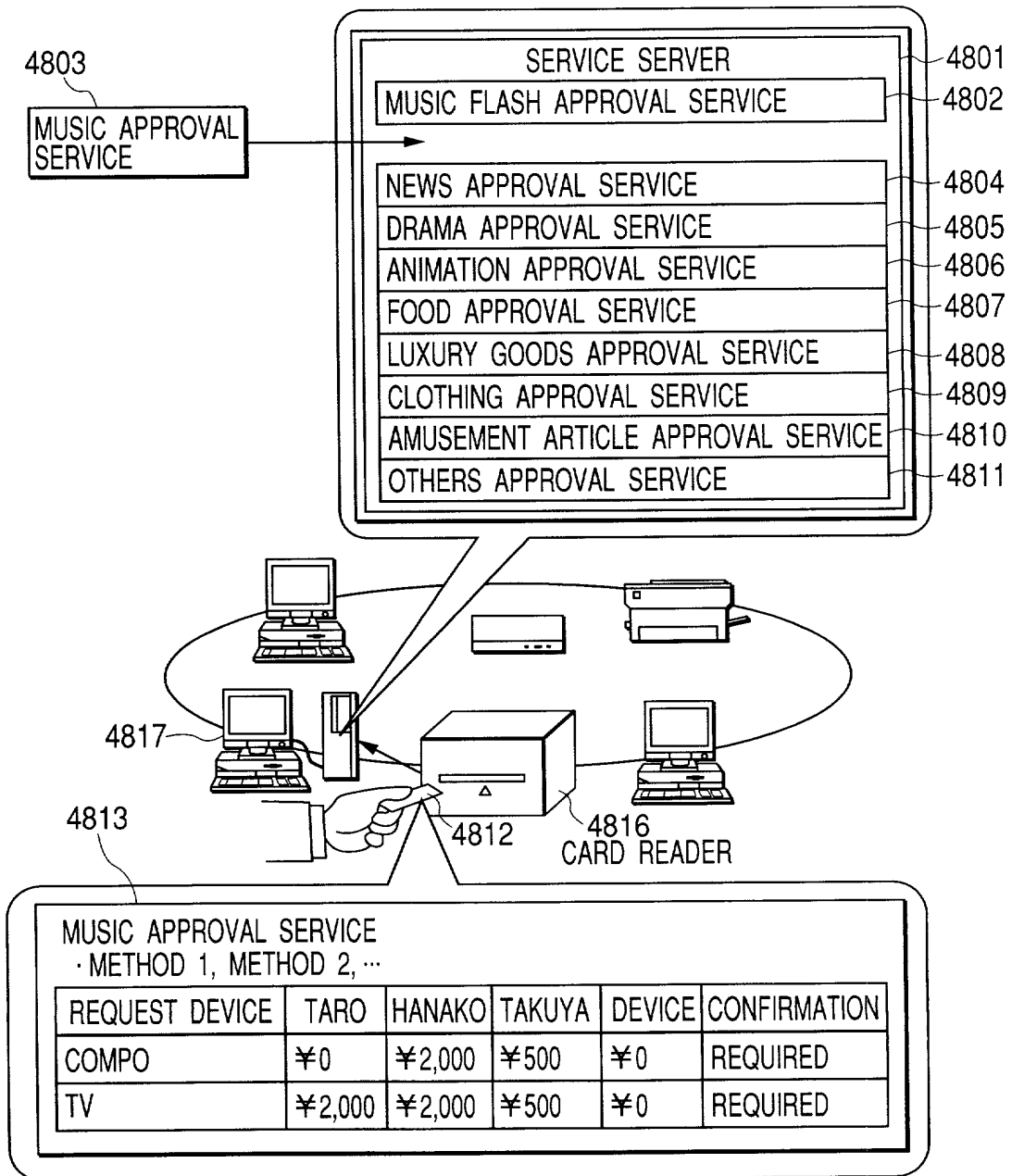
FIG. 48**PURCHASE APPROVAL CARD SYSTEM**

FIG. 49

PURCHASE APPROVAL SERVICE PROVIDER

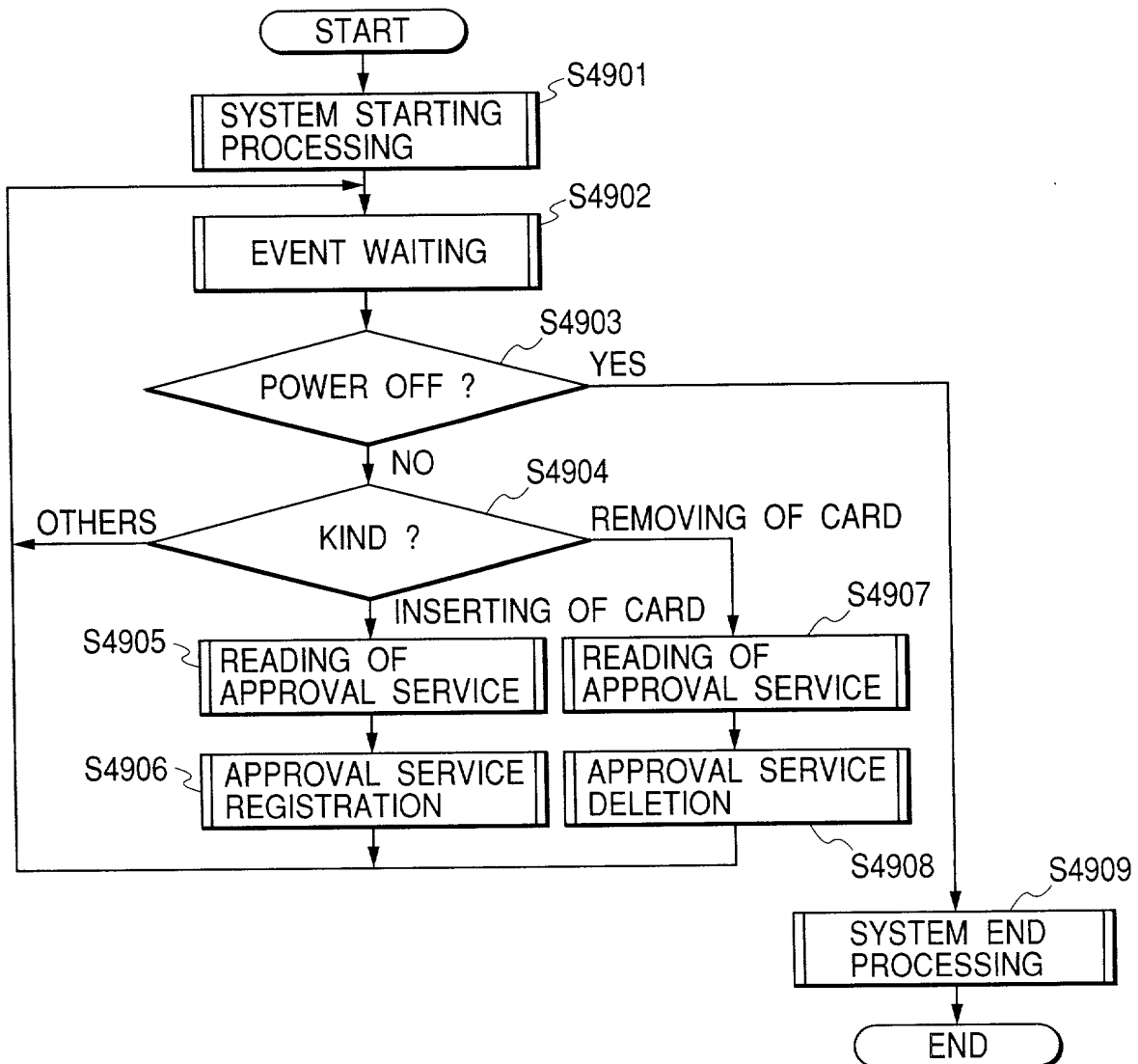


FIG. 50

PURCHASE APPROVAL CARD SYSTEM

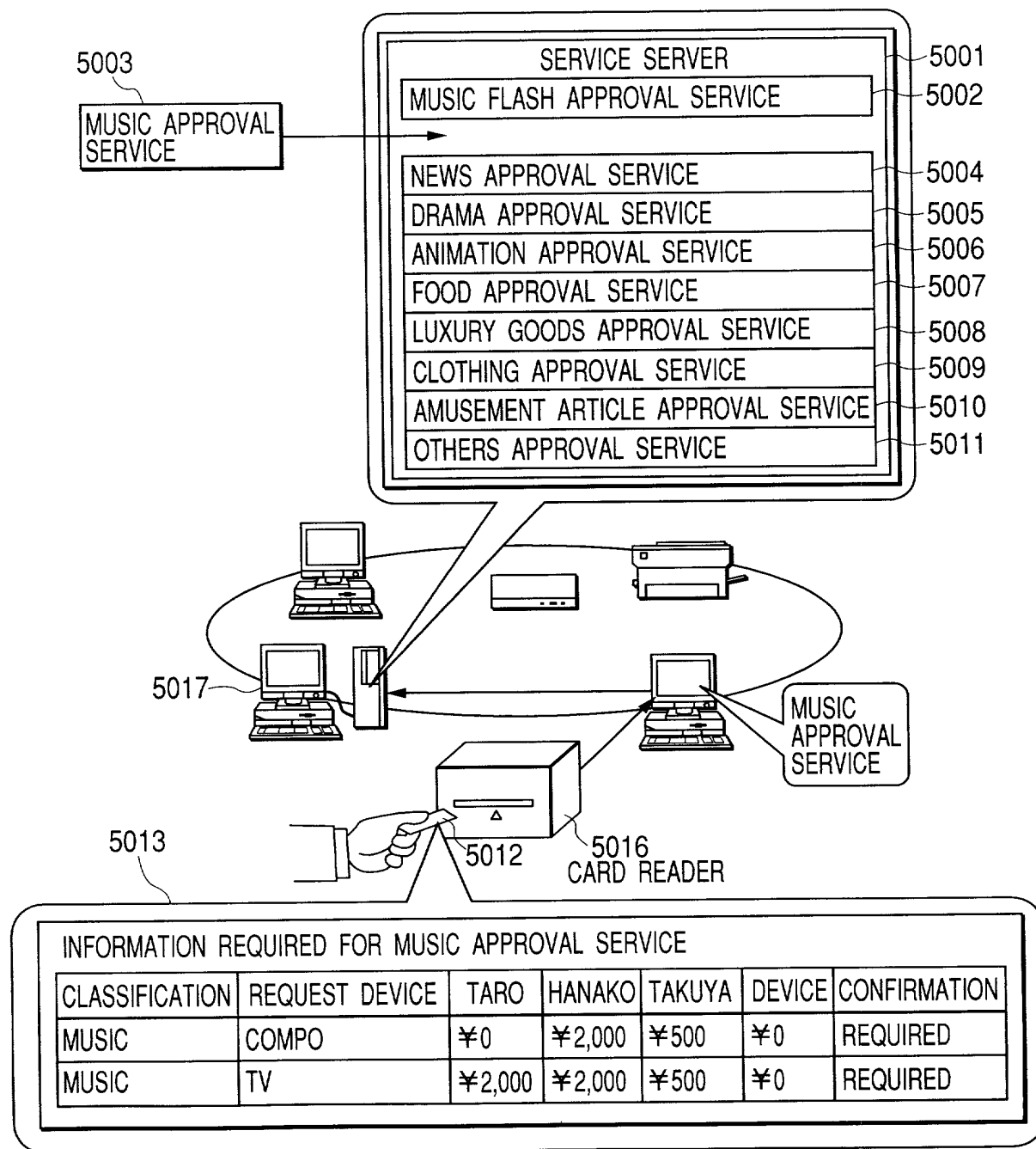


FIG. 51

PURCHASE APPROVAL SERVICE PROVIDER

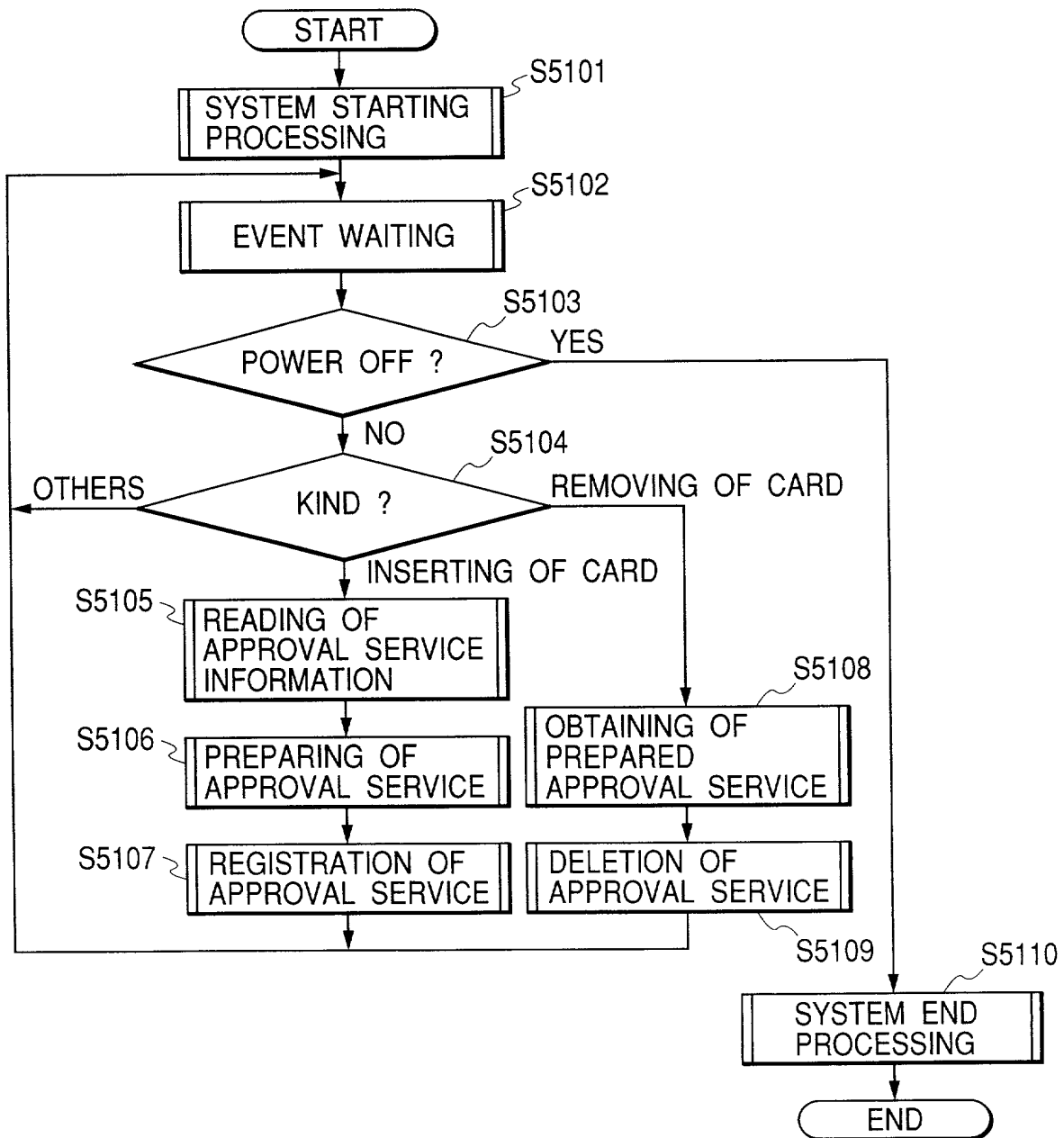
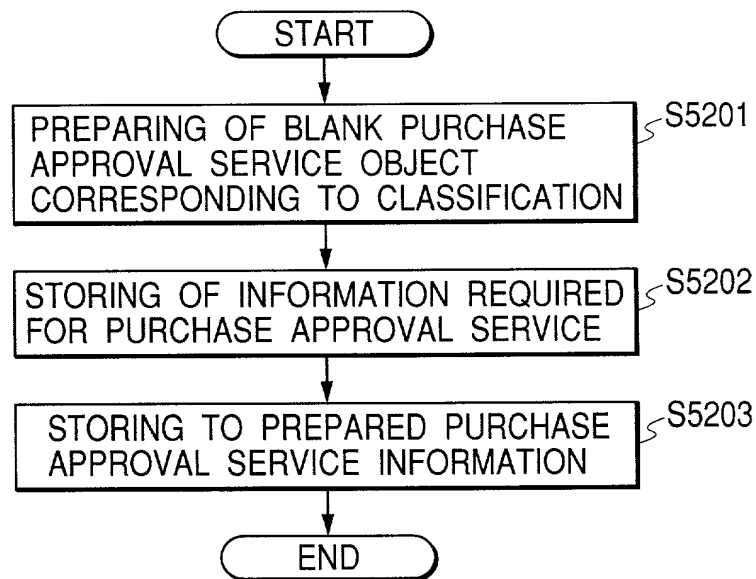


FIG. 52PURCHASE APPROVAL SERVICE
PREPARATION PROCESSING FOLW**FIG. 53**

PREPARED PURCHASE APPROVAL SERVICE INFORMATION

ID	CLASSIFICATION	OBJECT
1	"MUSIC FLASH"	OBJECT 1
2	MUSIC	OBJECT 2

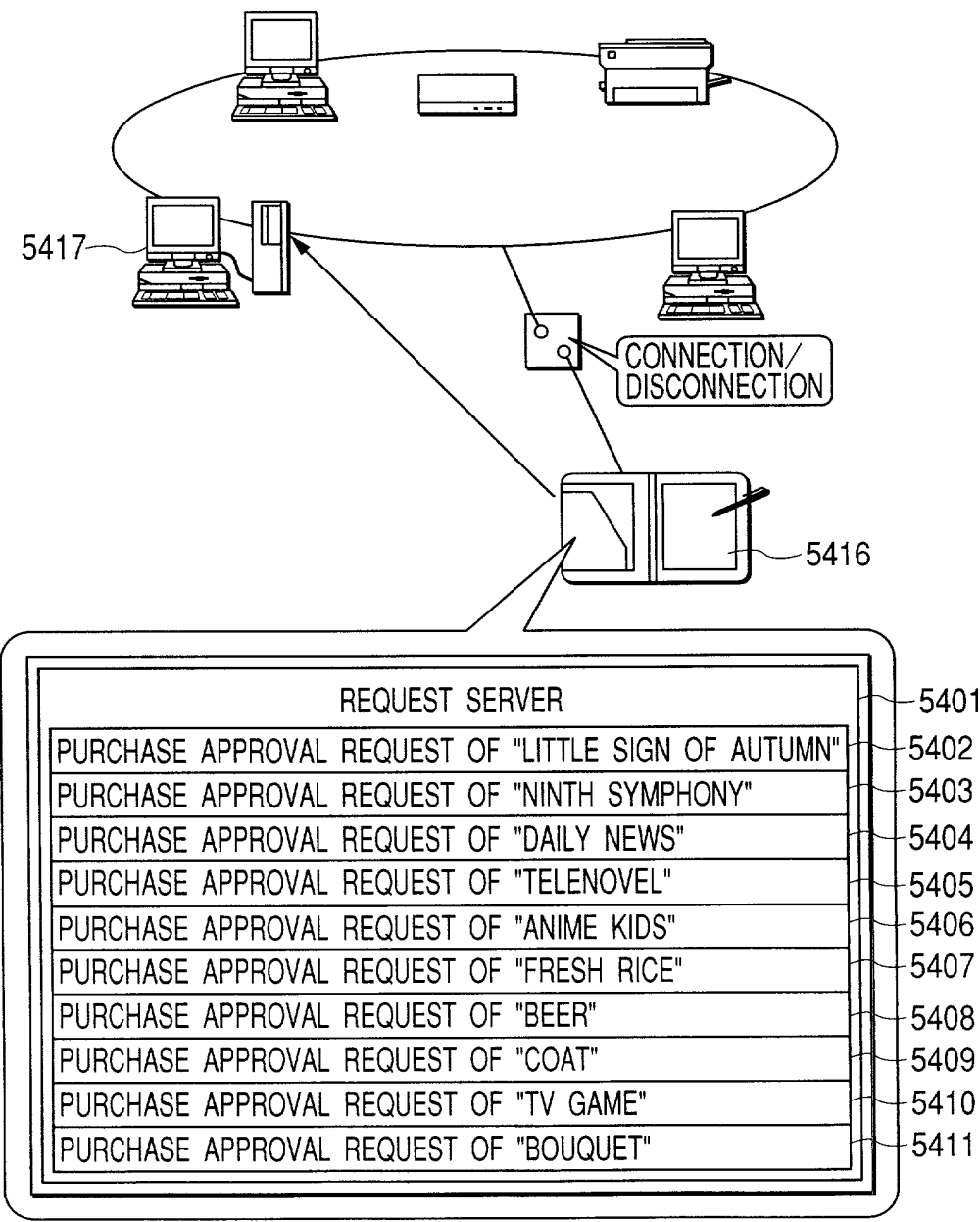
5301

MUSIC APPROVAL SERVICE
· METHOD 1, METHOD 2, ...

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥2,000	¥500	¥0	REQUIRED
TV	¥2,000	¥2,000	¥500	¥0	REQUIRED

FIG. 54

CONNECTION-DISCONNECTION OF PURCHASE
APPROVAL REQUEST SERVER



PURCHASE APPROVAL REQUEST CARD SYSTEM

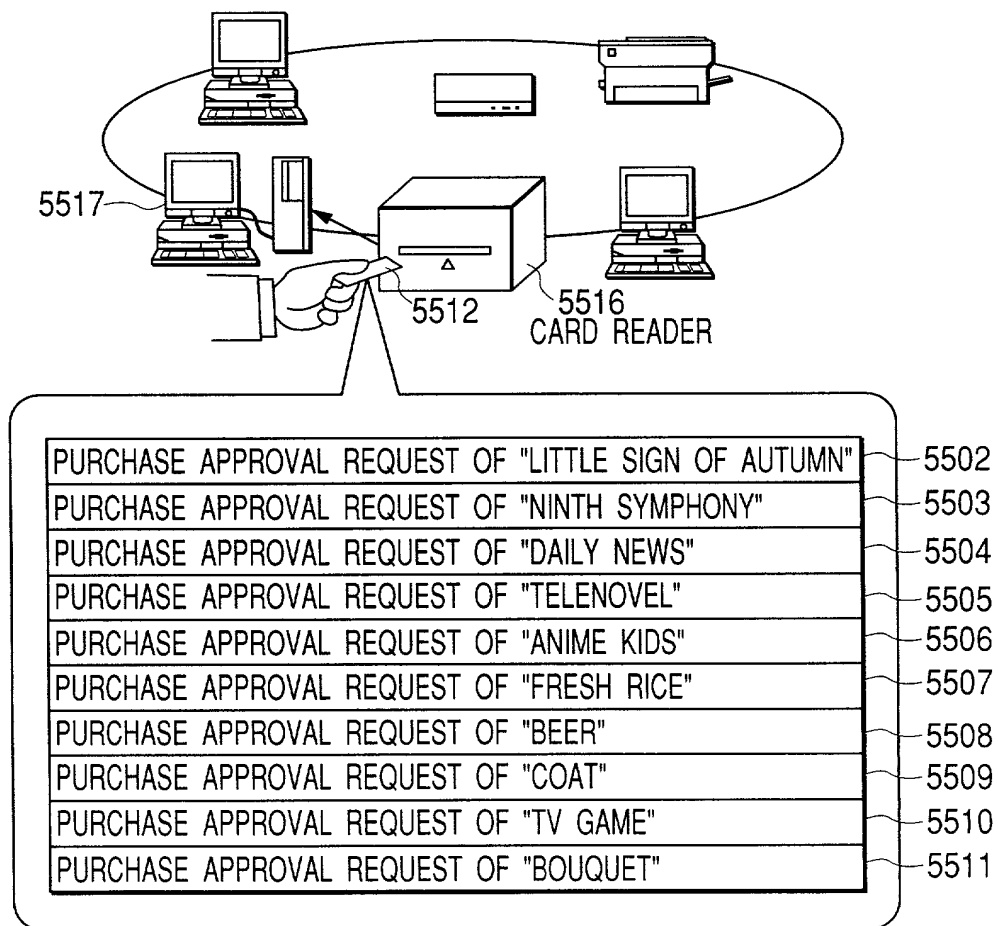


FIG. 56

PURCHASE APPROVAL REQUEST SERVER

